

THE GREEN ISSUE

Welcome to the annual green issue of the Campus, where we take a closer look at environmental issues around Middlebury and around the world. For extended coverage and exclusive content, be sure to visit us online at go/thecampus.

Carbon Neutral, or Carbon-Lite?

By Claire Abbadi

As the College works to bring the Biomass Plant back up and running after it ran for 16 straight weeks — the longest, consecutive period to date — increased questions have been raised over the viability of carbon neutrality as the College races towards its 2016 goal.

In 2007, the College Board of Trustees approved a plan to become a carbon neutral institution by 2016. The College has since cut about 40 percent of its carbon emissions in six categories: heating and cooling, vehicles, electricity, travel, waste transportation and carbon offsets. This significant reduction in carbon emissions, which is expected to reach 50 percent by the end of the 2013 fiscal year, is largely attributed to the biomass plant, which burns woodchips to create a renewable energy source, an alternative to oil.

The initial plan for carbon neutrality was a student-led movement. Former Professor of Chemistry at the College Lori Del Negro and Professor of Economics John Isham led a winter term class in 2003 focusing on the scientific and institutional challenges of becoming carbon neutral. The class culminated in the production of a blueprint detailing how the College could reach this goal.

In January 2006, another group of students participated in the same course to make a

more specific plan. They presented the plan to the Board of Trustees in February of that year. The board then made a commitment in May 2006 to use the student plan and pledged carbon neutrality by 2016.

"It was all [students] work," President of the College Ronald D. Liebowitz said. "They sold the trustees. It was not the administration. It came from students, and I think future innovations will come from students."

The idea may have hatched by students, but it has quickly graduated to a booming administrative catch phrase primarily driven by the board and Old Chapel.

However, despite the College's positive reduction of carbon emissions, neutrality seems to have become an increasingly complex goal, primarily because there are so many ways to define what exactly is included in carbon neutrality and whether true neutrality is even possible.

"I don't think we can become truly carbon neutral according to the way that I would quantify it," Professor of Geology Pete Ryan said. "There is the institutional way of quantifying carbon neutrality. And then there is the way I would quantify it. I think until we become basically a fossil free economy, true carbon neutrality is almost impos-

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Students Form Local Food Group

By Emilie Munson

This year, the College's numerous student organizations focusing on food consciousness have joined forces to create a Food Cluster group. Led by College Food and Farm Educator Sophie Esser Calvi '03, the Food Cluster is a coalition that seeks to promote cooperation among groups such as EatReal, the Middlebury College Organic Farm, Weigh the Waste, Dolci and Weybridge House.

The groups have diverse ideas on how the student body and the College can focus their efforts on improving food culture, ranging from reducing meat consumption, increasing composting and encouraging creative cuisine. Most groups, however, do have a significant amount of overlap, particularly on the subject of local foods.

Jordan Collins '16, co-president of EatReal and a member of Weybridge House, elaborated on this overlap, explaining that EatReal encourages the administration to promote local, sustainable food while Weybridge House

shapes lifestyles around local and sustainable food philosophies.

The goal of the Food Cluster, according to Calvi, is to help student groups recognize their commonalities and join forces in order to make greater change.

Natalie Valentin '15, a Campus Sustainability Coordinator (CSC) and liaison to dining services, has been working on developing, promoting and expanding the Food Cluster.

"Up until this year, there have been a lot of different food conversations happening across campus, but people have been working on the same things," Valentin said. "Having the Food Cluster allows us to look at what our mutual goals are and also look at what each individual group's best capacity [for creating change] is."

Thus far, groups such as EatReal and the Middlebury College Organic Farm, in conjunction with the CSC's food focus group, have united to encourage participation in the Real Food Challenge. The Real Food Challenge is a move-

ment that strives for colleges and universities to pledge to buy at least 20 percent "real food" — defined by the organization as local, fair, humane or ecological — by 2020.

Members of the Environmental Council Food Committee, CSCs and EatReal, united through the Food Cluster, are working with Dining Services to create a Winter Term internship to use the challenge's "Real Food Calculator" to audit dining purchases and find areas where the College can bring in more local foods.

In spite of the change they seek, both Valentin and Esser Calvi applaud Dining Services' efforts to bring local foods to the College.

"Dining Services has had a commitment to local and responsible purchasing for a long time," Valentin said. "That is something they have already been doing, and now with the growing student interest, they are looking to do more."

Executive Chef of Dining Ser-

SEE CLUSTER, PAGE 2

InSite takes Eighth in Solar Decathlon

By Emily Singer

InSite, the College's entry in the U.S. Department of Energy's Solar Decathlon, finished eighth overall in the 2013 competition. Nineteen collegiate teams were selected to compete in the challenge, which required two years of planning, designing and building, culminating in Irvine, Calif. on Oct. 12.

InSite finished with a score of 920.262 out of a possible 1,000. Judging was divided into 10 categories with a total of 100 possible points per section. InSite earned a perfect score in the Energy Balance and Hot Water contests, ranked third in Communications, Affordability and Home Entertainment and finished in the top 10 in all rounds of judging.

In comparison, the College's entry into the 2011 Solar Decathlon, Self Reliance, earned 914.809 points but finished in fourth place overall.

InSite began its journey to California in September, when it was broken down into 50 panels and hundreds of smaller parts and shipped to Los Angeles by train, and then transported by truck to Irvine.

Solar Decathlon faculty adviser Andrea Kerz-Murray said that reconstructing the house in fewer than nine days was a challenge, as the College's construction teams had to ensure that all electrical and structural connections were fully-functioning and secure.

With regards to scoring, Kerz-Murray wrote in an email

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CELEBRATING FAMILY AND FOLIAGE



ANTHEA VIRAGH

Students and families hit the Snow Bowl on Oct. 12th for the third annual Snow Bowl Family Bash, hosted by Ski Patrol. Live music, chair lift rides and a barbecue kicked off Fall Family Weekend in style.

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NATURAL GAS PIPELINE: PHASE II
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MEET THE TRUSTEE WHO SOLD HIS OIL COMPANY TO INVEST IN NATURAL GAS
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FIRST YEARS TAKE CENTER STAGE
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BEYOND THE BUBBLE

BY DANNY ZHANG

As per annual tradition, various Swedish and Norwegian academies and committees awarded the Nobel Prizes last week in the fields of medicine, physics, chemistry, literature, peace and economics.

The first category of prizes to be awarded was Medicine. Last Monday, the Karolinska Institute bestowed that honor on three Americans – Randy Schekman, Thomas Südhof, and James Rothman – for their research into molecular transportation systems within cells. The three scientists, working out of UC-Berkeley, Stanford and Yale, respectively, each made discoveries that contributed to the understanding of how vesicles containing molecules within cells are moved to the right places at the right time.

On Tuesday Oct. 8, the Royal Swedish Academy of Sciences gave the Nobel Prize in Physics to Peter Higgs and François Englert, two scientists who have worked for almost half a century on finding the Higgs boson. The particle, named after Peter Higgs, helps complete physicists' understanding of the Standard Model, which has been instrumental in explaining the apparent order of the universe. Known by many outside the science community as the "God particle" for its centrality to our understanding of the universe, the Higgs boson was finally discovered earlier this year by the Large Hadron Collider, a massive particle accelerator straddling the French-Swiss border.

The Nobel Prize for Chemistry was awarded the following day to a group of three American scientists who worked with computer programs to study complex chemical systems and reactions that are difficult to observe in traditional lab experiments. The three scientists – Martin Karplus of Harvard, Michael Levitt of Stanford, and Arieh Warshel of USC – began working together in the early 1970's to harness the power of computer programs in simulating chemical behavior and incorporating quantum mechanics.

The Swedish Academy announced Alice Munro, a prolific short-story writer from Canada, as the winner of the Nobel Prize for Literature on Thursday. At age 82, Alice Munro published her 14th – and what she has hinted may be her last – collection of stories last year, after 45 years of writing. Her stories are well-known in contemporary literary circles for themes of rural life, feminism, and human nature. Munro is just the 13th woman in the century-long history of the Nobel to win the prize for Literature.

By far the most prestigious of the Nobels, the Peace Prize was awarded by the Norwegian Nobel Committee last Friday to the Organization for the Prohibition of Chemical Weapons for their work in helping eradicate "unconventional weapons" around the world. The organization sent inspectors to sites of chemical attacks in Syria earlier this year. This choice surprised many people as the organization works in relative obscurity. The organization has been operating since 1997, when the Chemical Weapons Convention was signed by most nations of the world. This is the second consecutive year that the Peace Prize has been awarded to an organization after the European Union won it in 2012. Prior to the announcement, Malala Yousafzai, the 16-year-old Pakistani girl shot by the Taliban after speaking out for girls education, was the media favorite to win.

The last set of Nobels was awarded for Economics to Eugene Fama and Lars Peter Hansen of the University of Chicago, and Robert Shiller of Yale. The three Americans were honored for their theories on asset prices in markets, including comparing price movements in the short-run and long-run. Though they did not collaborate, the three economists collectively concluded that rational and irrational factors both affect markets.

Cluster Unites Groups for Local Foods

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vices Robert Cleveland offered insight into the complex decisions that Dining Services faces in choosing where to purchase foods.

"We don't need to be convinced [of the benefits of buying locally]; we are trying to figure out how to navigate in a complex food supply system that must weigh in the balance our wants and needs with our fiscal and ethical responsibilities," he said.

Dining Services has been working with vendors for as long as 65 years to bring foods grown or processed from within a 250-mile radius to the College. Currently, 47 Vermont food producers, including Monument Farms, Vermont Highland Beef, Champlain Orchards and Middlebury College Organic Farm, provide goods to the College. Approximately 20 percent of the food served in the dining halls is local.

Buying local reduces the distance food must be transported, thereby reducing fossil fuel consumption and working to support the College's mission to be carbon neutral by 2016, a benefit that Dining Services recognizes and aims to expand upon. Additionally, local foods support regional economies and maximize the freshness and nutritional value of food.

Cleveland has seen how the College's efforts to buy local have helped the community first-hand.

"We regularly host matchmaker events

that bring together local farmers with local buyers beside ourselves, and we have seen them increase production in some instances when they know that we will buy large quantities of product at competitive prices," Cleveland said. "Due to our volume purchasing position, we have been able to take the balance of a farmer's entire crop that might not have lasted at their farm stand."

Cleveland and other Dining Services administrators welcome the increased student

with diverse dietary needs, restrictions and preferences. Local vendors, constrained by the scale of their operations and the Vermont growing season, cannot always meet the College's high-volume demand. Furthermore, the price of local products is often higher than that of conventional products because supply is smaller.

The Student Government Association (SGA) Environmental Affairs Committee seeks to help Dining Services find balance

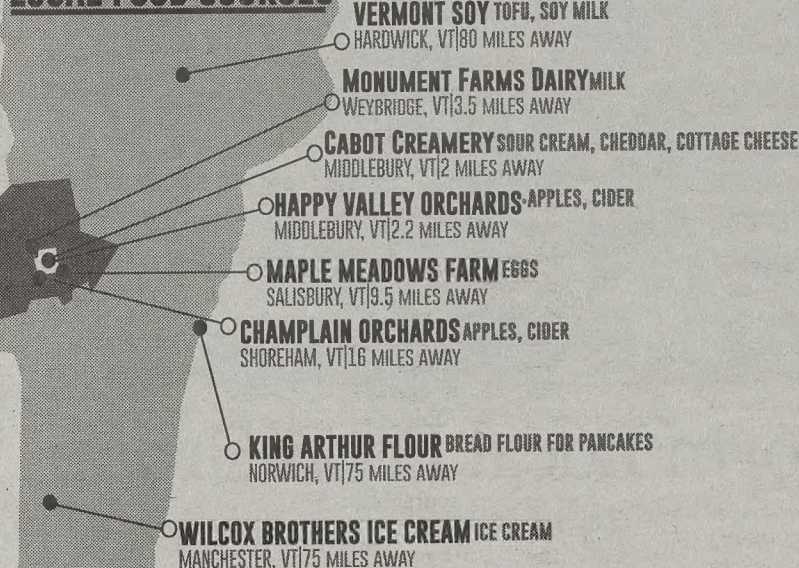
between the student body and Food Cluster, ensuring that all voices are heard despite the limitations of the budget.

To gauge student opinion, the SGA plans to conduct a survey to determine why students want local food and what they might be willing to sacrifice for more sustainable foods.

The SGA, in collaboration with the Food Cluster, will use the data in combination with an evaluation of Dining Services' spending to produce a series of specific recommendations on how Dining Services can find room in its budget to bring in more local food.

"If we send out a recommendation that says we want 70 percent of the food to be sustainable, organic and ethically-sourced by next year, that's not possible," SGA Director of Environmental Affairs Jake Nonweiler '14 said. "We want to find out what is possible."

LOCAL FOOD SOURCES



dialogue, input and feedback surrounding their buying practices, but face difficulties in balancing the dining budget, student needs and a desire to buy local.

Dining Services must serve approximately 7,000 meals per day to students

Panel Challenges the Future of Food Sector

By Jordan Seman

The College's focus on local and sustainable food continues this month with "Eating Forward," a campaign organized by Olivia French '14 and Jake Nonweiler '14. The series, which runs through October, features environmentalists in various areas of the American food industry, including farmers, activists, educators, entrepreneurs, and more. On Thursday, Oct. 10, Eating Forward presented a panel discussion about sustainable food in a growing nation entitled "Feeding America."

The panel featured four environmentalists in different areas of the food industry: local cider entrepreneur David Dolginow, College Food and Farm Educator Sophie Esser-Calvi '03, grocer Jay Leshinski and chef Woody Danforth. The panelists offered a variety of perspectives about creating a sustainable food future in Vermont and in the U.S., emphasized the need for strong relationships in the industry and advocating for education to encourage the growth of sustainable food.

This series is a continuation of a dialogue that began on campus in January 2012 with student-run organization EatReal, which focuses on conscientious consumption among the student body and promotes cooperation with the administration towards a more sustainable food future.

"Our project is contributing to a conversation that has already been in the works," French said. "Middlebury students care a lot about this issue; there are a lot of people talking about how to bring more local food to our dining halls."

Throughout the Feeding American panel discussion, a large emphasis was placed on education and the fostering of relationships in order to encourage innovation and creativity in the food sector. The panelists focused on how to make food sustainability a community-wide engagement, both in Vermont and in the greater U.S.

"The food system in this country is broken; we really need to think about how our future is going to look given how many people we will have to feed in the coming years," Esser-Calvi said. "In order for us to pursue a sustainable future, we need to educate strong leaders."

"Sustainability is built on relationships," Danforth added. "It is the ability to link the

farm to the plate, which starts with education and an understanding about how to utilize and manipulate food to get to the end consumer."

The panelists also specifically emphasized Vermont's sustainable food future, placing the College in the larger context of the growing movement towards sustainable agriculture in the state. The Farm-to-Plate Initiative, a strategic plan to accelerate the development of Vermont's Green Economy, has taken off since 2009, promoting access to local food and encouraging economic growth in Vermont's food and farm sector.

Panelist David Dolginow addressed how a sustainable future in Vermont might look, emphasizing the need for more cooperative growing and marketing and for a diversification of products.

"We need to focus on the concept of a working landscape, and how to diversify products to make the food industry a more interesting area to go into as an entrepreneur," he said. "The Champlain Valley could become the Napa Valley of hard cider; we have world-class soil and air for growing apples, but only a few regional scale growers as of now."

Addressing how the College fits into the larger picture of food sustainability, the panelists advocated for larger-scale entrepreneurial farmers within Vermont so that institutional buyers, such as the University of Vermont and the College, will have more of an economic incentive to buy locally.

"As of now, only about 20 percent of our dining hall food is locally grown or processed, and that's on a good day," Nonweiler said. "There is a lot of demand being placed on our administration to increase local buying, but a lot of people don't know what that would really entail. The goal of our series is to show people what 'sustainable' and 'local' mean for the producer, the seller, and the consumer."

The Eating Forward series hopes to get the dialogue started by asking questions like "Are we willing to change our meal plan or increase the dining hall budget in order to eat more locally? Is our goal to support local farmers, stimulate the local economy, and protect the environment? Where does our campus fit into the bigger picture of the Farm-to-Table initiative in Vermont?"

InSite House to Move to Shannon St.

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that "overall goals for sustainability were less important" in the case of InSite, which incorporated a number of energy factors that did not directly fit into a particular judging category.

"Our team proposed a project that promotes urban density and local sourcing of food and goods," she said. "This kind of thing does not get judged. Another example is affordability. While we did quite well in this contest [earning third place], we made material decisions based on embodied energy, local sourcing, durability and longevity as well as up-front cost. The contest only looks at cost, not lifecycle."

This big-picture approach to the Solar Decathlon, looking and thinking beyond contest categories, is a reflection of the College's interdisciplinary approach to design and construction.

"Coming from our Liberal Arts background we are proud to be able to compete with the rest of the teams which are coming from architecture and engineering graduate programs," InSite Team Manager Gwen Cook '13 told *Middlebury Magazine*.

When the InSite house returns to the College it will be rebuilt and used as student housing, placed next to the duplex located at 107 Shannon Street, across from Saint Mary's School.

The next Solar Decathlon competition will be held in 2015, and while it is too early to know whether the College will apply for entry into the competition, Kerz-Murray predicts that future Decathlons will become increasingly competitive.

"I believe that the design excellence and innovation in the homes represented continues to get better and much more interesting and innovative. The competition is getting harder," she said, noting that many teams scored within fractions of a point of each other, in both individual contests and overall.

2016 Carbon Neutrality Plan Criticized

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sible."

During fall 2009, Stafford Professor of Public Policy, Political Science and Environmental Studies Christopher Klyza taught an Environmental Studies class that looked at how the College was getting its biomass supply and if biomass was actually carbon neutral.

"The students were interested in this question, because it didn't make sense that there is smoke coming out of the biomass plant," he said. "It's not obviously carbon neutral. So there must be more to it."

"I think we've rethought biomass and how carbon neutral it is," Isham said. "There were some critiques from faculty colleagues that proved to be true about overselling biomass as a carbon neutral process."

According to Director of Sustainability Integration Jack Byrne, the reduction of carbon emission is defined within two boundaries: geographic and operational. The administration accounts for carbon emissions originating from the main campus, the Snow Bowl and the Bread Loaf School of English. Any place or product of which the College owns 50 percent or more counts toward its carbon footprint. For example, the College owns more than 50 percent of the recycling trucks that carry waste to and from campus, and therefore the emissions from those trucks are counted in the carbon emissions.

The accounting, nevertheless, can be tricky because many of the College's daily activities emit carbon, which raises questions about what is included and excluded from the final tab. For example, the definition of travel is fluid as it only includes specific College-funded travel, while excluding travel funded through student activities or grants, according to the Climate Action Implementation Plan adopted in 2008. Even technology that moves us closer to neutrality is not carbon-free.

"Think about wind-turbines on campus and how they are made," Ryan said. "They are made with tractors using dynamite to blow up rock to get metal out and the metal is finally refined into wind turbines that are driven here on trucks."

The definition of carbon neutrality, however, is out of Old Chapel's hands. Intergovernmental Panel on Climate Change (IPCC) officially defines what constitutes carbon neutrality and the official criteria for meeting this goal. Nevertheless, there still much variation in this definition.

Colby College recently declared carbon neutrality, but was only able to meet the IPCC's criteria by buying a large number of carbon offsets. While some are willing

to accept that carbon offsets are a reality in reaching neutrality, others argue that offsets are an imperfect solution.

"How do we feel about paying for other people to deal with our emissions? Because that's what offsets are," Ryan said.

Though Byrne could not say for sure, he predicted that the College would end up buying some offsets to reach its goal.

Regardless of the definition, the College has made tangible progress in carbon reduction. In the biomass plant, the College decreased its use of No. 6 Heating Oil — a cheap but dirty fuel oil — from 2.1 million gallons annually to 634,000 gallons last year alone.

Likewise, it has engaged in a bio-methane contract — a low-carbon renewable alternative to fuel — which, if successful, would contribute significantly to carbon reduction.

Bio-methane, which is produced by burning methane emitted from cow manure, would be used as an alternative to burning oil and would reduce the amount of methane, a far more potent greenhouse gas.

"The biomass plant has been instrumental in carbon reduction and the use of bio-methane would bring us 10 to 15 percent of our goal and would create jobs in the local community," Byrne said.

When a local agricultural entrepreneur

said he had the capital to create bio-methane, the College was eager to participate. However, the logistical issue of transporting the bio-methane to the College remains unresolved.

"The challenge is how do we get the bio-methane here," Klyza said. "Which is where I think we've been drawn into this larger pipeline. The producer would have a facility about 3 miles from campus and a spur to the pipeline, which would replace our oil. We would then use no oil for heating the campus."

Longtime divestment student-leader Greta Neubauer '14.5 called the use of bio-methane "a step in a positive direction," but remained skeptical about the big picture.

"My criticisms are based around what is not included in carbon neutrality," Neubauer said. "I think it is pretty hypocritical of Middlebury to be building the biomass plant and other green buildings off of money from the fossil fuel industry."

"I'm not as hung up on whether we are carbon neutral," Klyza said. "We've made some great progress in reducing our carbon footprint. When I am thinking of the globe, we are not going to reach carbon neutrality, but what we want to do is reduce the amount of carbon we are putting in the atmosphere."

"We are caught up in this accounting gig because we want to say we are carbon neutral. But in the end if we get to 95 percent, it's still phenomenal."

Plagiarism Detection Pilot Program Launches

By Kelsey Collins

Nine professors at the College are currently piloting a trial run of turnitin.com, an Internet-based plagiarism prevention service and electronic grading system.

The implementation of the pilot program comes on the heels of recommendations made by the Honor Code Review Committee (HCRC) last spring.

Last year's Honor Code Review Committee report, which includes the results of a survey circulated to faculty members, reported that professors often feel that source identification for suspected plagiarism is "difficult and time-consuming" and many faculty members indicated a desire for a more robust tool for detecting plagiarism. This semester-long trial of Turnitin is part of a larger anti-plagiarism agenda put in place as a response to the findings of that committee.

The executive summary of the 56-page document detailing the findings of the HCRC's report concludes, "Middlebury's Honor Code is not facing a moment of crisis, nor is it functioning with optimal effectiveness."

According to Associate Dean of Judicial Affairs Karen Guttentag, 10 to 15 students face official allegations of plagiarism each academic year, although she added that the problem is likely much more prevalent than the numbers would suggest.

The nine professors were invited by Dean of Faculty Development and Research Jim Ralph to participate in the pilot program based on their varying degrees of comfort with educational technology, levels of initial skepticism towards the platform, and previous experiences with incidents of plagiarism and the Academic Judicial Board. All of the professors are teaching writing-intensive classes this semester, such as first-year seminars and college writing courses in the humanities.

"Often as a faculty member in a large course in the humanities where the assignments are typically essays, it's hard to know," said Assistant Professor of American Studies Holly Allen, who served as a member of the Honor Code Review Committee last spring. "Sometimes a work sounds like it's not the students work, and so to put one's mind at ease, it would be useful to determine one way or the other. There's a sense that plagiarism is something that

might be slipping under the radar, and that we needed to contemplate new ways of addressing plagiarism."

"I always assume that students are exhibiting academic integrity in all of their work," Allen said. "I don't want to be a policeman. It's not my job. My job is to teach. The students' job, among other things, is to abide by the honor code that they entered into when they came to Middlebury."

While some professors are embracing Turnitin, citing its function as a "learning tool" and a platform that might be used only to confirm suspicion of plagiarism, other professors expressed reservations about the service.

"Personally, I'm very skeptical about outsourcing something — a skill that I think should be taught and discussed and customized to each individual course and discipline — to a technology that treats everything more or less the same," said Jason Mittell, professor of film and media culture and one of the pilot program participants. "Ultimately, I think that the way to prevent plagiarism is to educate students. Turnitin would encourage students to check their work in order to avoid plagiarism, but it wouldn't help them learn what's actually happening. It's focused on the product not the process."

Reactions from students enrolled in courses using Turnitin this fall ranged from indifference to skepticism.

"We care about plagiarism for both philosophical and practical reasons," Guttentag said. "Not only does [attribution] allow the contributions of others to be acknowledged and appreciated, but it allows faculty to distinguish the work of the student from that of others. Understanding the student's own intellectual journey and comprehension of material is obviously critical to the educational process, and that includes not only what a student thinks about a topic, but the student's ability to express those thoughts cogently. Without a roadmap to help professors make these distinctions, the process of teaching is critically compromised."

The nine professors participating in the program along with the students enrolled in their courses will provide the College with feedback on Turnitin at the end of the semester, which will help shape the decision whether or not to extend the scope of the Turnitin platform at that time.



MCAB TRIVIA NIGHT

THURSDAY 9-11PM

Start Fall Break early! Grab some friends, enjoy FREE food, 1/2 priced smoothies, and come play.

FALL BREAK!

FRIDAY-TUESDAY
ENJOY FALL BREAK
EVERYONE!



ANDRIC SEVERANCE QUARTET

THURSDAY 7-10PM

The Andric Severance Quartet performs a sizzling stew of Latin, Afro-Cuban and Brazilian jazz.

YUKI TAKEDA & FRIENDS

FRIDAY 8-11PM

Yuki Takeda (whistling, alto sax), Taylor Bickford (guitar), Brian Parker (bass), & Adam Schreiber (drums) are back again to play some classic jazz tunes with a hint of study abroad experience.

BIG MEAN SOUND MACHINE

SATURDAY 8-11PM

Fusing elements of Afrobeat, 60s Garage Rock, 70s Funk, and Jamaican Dub rhythms, Big Mean Sound Machine cranks out the dirtiest, fattest, grooviest beats to keep you moving all night long.

[NEWS BRIEF]

Student Suspended for Removal of Sept. 11 Memorial

Anna Shireman-Grabowski '14-5, the student accused of pulling nearly 3,000 American flags from the ground that had been placed on the lawn in front of Mead Chapel to commemorate the anniversary of the Sept. 11 attacks, was handed a one-year suspension by the College. Shireman-Grabowski was found responsible for violating the College's General Conduct Standards, Respect for Persons and Respect for Property by the College Judicial Board, a sentence which was upheld on appeal on Oct. 9. While five individuals participated in the act, only Shireman-Grabowski was identified as a student at the College.

— Kelsey Collins

Sexual Assault Case Goes to Trial After Long Deliberation

Dong Song's attorney and the Vermont District Attorney met for a status conference hearing on Oct. 14. At the last hearing, both sides announced they would meet outside of court. But talks broke down and did not yield a resolution between the last two conference meetings. As a result, both sides will begin conducting depositions and selecting experts in preparation for a jury trial. There are complications for both sides: Song, a citizen of South Korea, now holds an expired student visa, and Federal funding for the State Attorney's office is set to run dry in the coming week due to the government shutdown. The court set an expert disclosure deadline for Oct. 31 and the jury hearing for Dec. 4 at 8:30 a.m.

— Kyle Finck

Queers and Allies Club Hosts Discussion on Homophobia

Students gathered in Redfield Proctor on the evening of Tuesday, Oct. 15 for a discussion about homophobia on campus, led by the Queers and Allies Club (Q&A). The meeting was prompted by an anonymous homophobic letter left on a first-year's door last month.

Students and faculty began the discussion in a roundtable format, sharing reactions to the letter incident and brainstorming ways in which the community can move forward. The discussion then expanded to include all attendees, building upon ways in which the community can take action and prevent similar incidents in the future.

Attendees agreed that solidarity within the community and raising awareness about tolerance as a means of countering not just homophobia, but broader prejudices, as well, would be a good start. References were made to similar situations at other colleges, in which mandatory all-student discussions were held as a means of showing solidarity for the affected persons. Many in attendance wondered why the College didn't take similar action, grieving the fact that the responsibility to create change frequently falls upon the oppressed.

Further discussion criticized an email sent by Dean of the College Shirley Collado on Monday, Oct. 7 on the subject of the letter. Collado's email stated, "a Middlebury student reported receiving a disturbing and threatening printed note left at the door to her residence hall room."

A number of students at the discussion were frustrated with the vagueness of Collado's email, wondering why she didn't mention the letter's homophobic content. In a follow-up email to the College on Tuesday, Oct. 15, Collado confirmed that the letter contained "threatening and extremely homophobic language," and cited an ongoing investigation as having restricted the information she and others could divulge.

— Emily Singer

Public Safety Hirings Expand Force

By Nate Sans

The Department of Public Safety has recently added two new officers to its staff in order to bring personnel levels up to full strength. But the move also accompanies a long-term discussion between Public Safety and Old Chapel regarding a permanent increase in the size of Public Safety.

The new employees, Officers Raymond Reed and Robert Stearns, started work last week. Officer Reed grew up in Brandon, Vt. and worked for 20 years in retail at Gregg's Meat Market in Middlebury. He said in an interview that his people skills, refined after years in retail, will make his job as a Public Safety officer easier, and that he was attracted to work at the College by the people and the atmosphere here. Officer Robert Stearns grew up Ferrisburgh, Vt. and spent nine years in the United States Navy aboard attack submarines. He also worked as a security guard at UTC Aerospace Systems in Vergennes. He told *The Campus* that he looks forward to the dynamic atmosphere at the College. Officers Stearns and Reed

will spend three months shadowing an experienced Public Safety officer in order to become accustomed to the job.

According to Sergeant Chris Thompson, the vacancies in the Public Safety staff opened after "some [former officers] chose to move on to different and new opportunities." In an email, Associate Director of Public Safety Daniel Gaiotti emphasized that "Public Safety is currently not increasing the number of officer staff. We are hiring to fill existing positions which are vacant at this time."

Gaiotti explained that the hiring process for a Public Safety Officer involves interviews and scenario questions for applicants with experience fitting the job description.

Although the new hires are not representative of a current plan to increase the size of the Public Safety officer force, both Old Chapel and the Department of Public Safety have confirmed that they are looking into increasing the size of the overall force. Associate Director of Public Safety Daniel Gaiotti wrote in an email that enrollment at the College has grown, new

buildings have been constructed, and the College has established more programs. However, Gaiotti explained, the size of Public Safety has remained unchanged.

Gaiotti also noted that "Federal requirements and regulations pertaining to emergency planning, preparedness and response have also increased."

Due to all of these factors, Gaiotti wrote, "There have been preliminary discussions about proposing an increase in staff to better meet the needs of the department and the College."

Dean of the College Shirley Collado cited the scope of the challenge faced by Public Safety at its current size, calling it "a 12-month-a-year, 24-hour-a-day operation supporting a complicated organization that has grown beyond Vermont."

Collado said that she and Director of Public Safety Lisa Burchard are "Reevaluating how to move forward with enhancing the department's role and function in terms of health and safety." However Collado clarified that this reevaluation did not inherently include an increase in the size of the officer force.

COMMUNITY COUNCIL UPDATE

By Ellie Reinhardt

The Community Council met on Monday, Oct. 14 for its third meeting of the year to discuss a report written by the Honor Code Review Committee at the end of last year. A Community Council meeting the previous week consisted of a discussion on the hard alcohol policy at the College, a conversation that will continue at its next meeting.

According to the Undergraduate Honor Code Constitution, the Honor Code Review Committee meets every four years to "examine the honor system and its operation and make any appropriate recommendations for revision to the faculty and the Community Council."

In order to best discuss the Honor Code review process that occurred last year, the Community Council hosted two members of the Honor Code Review Committee — Associate Dean for Judicial Affairs and Student Life Karen Guttentag and Professor of Mathematics Steve Abbott.

According to Guttentag, the mission of the Honor Code Review Committee is to "take the pulse of the honor code and the academic integrity environment at Middlebury."

"[The Honor Code Review Committee] divided our recommendations into three categories this year," she said, alluding to suggestions to support students capacity for success, strengthen the honor code itself and strengthen the

culture of academic integrity.

Community Council will review the edits made by the Honor Code Review Committee and discuss possible areas of improvement before sending them to the Faculty Council for further review.

At the meeting, the areas discussed included the possible addition of a section regarding mosaic plagiarism, the peer-proctoring element of the honor code and the wording of certain sections that implied moral versus obligatory action in response to Honor Code violations.

One of the most discussed points was the ability of students to self-proctor and the levels to which students are able to and should be able to proctor their peers.

"This is a student honor code, Abbott said. "It was created by the students and it was meant to be owned at that level. There needs to be some way to have that self-proctoring, self-reporting doable."

This conversation brought up questions about some of the language used in the Honor Code and how it can best encourage students to take action in reporting Honor Code violations.

"Ambivalence and discomfort [in self-policing] is shared by probably a majority of the student body and why we invited the Student Honor Code Committee to really say, 'Is this working, is the student body willing and comfortable around this particular requirement or do we need to adjust this in a way that's going to work better for our community?'"

Honor Code recommendations considered

Guttentag said.

As the discussion continued, it was decided among all those present to continue the conversation regarding the Honor Code and the edits made to it throughout the year.

The discussion then turned to the importance of the Honor Code at the College.


"It's a relationship between the institution and the values and the value of your education and the value of that integrity goes along with it," said Associate Dean of Students Doug Adams.

"We're always selling the honor code as something that exists between students but really it's a relationship in part between students, but also in part between ourselves and our professors and I think most people here really respect the people whom we learn from," said Student Government Association President Rachel Liddell '15.

The group then discussed a social Honor Code and what that would mean for the College and how it could be implemented. Adams indicated that that discussion had begun last year but was never finished. He said, "We have an honor code and the question is, 'can we have an honor code that extends to the entire community all the time?'"

The meeting ended with a quick dialogue on revamping the guest registration policy, suggesting a number of ideas for Public Safety to consider over the next few months.

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Vermont Gas Moves to Stage 2 of Pipeline

By Ilana Gratch

Less than a month after more than 500 Addison County residents raised concerns about Phase 1 of the proposed 43-mile pipeline from Colchester to Middlebury, Vermont Gas Systems announced its plans for the implementation of "Phase 2."

Phase 2 would extend the pipeline from Middlebury to the International Paper Co. (IP) in Ticonderoga, N.Y., giving it an additional presence in the towns of Middlebury, Cornwall, Shoreham, Lake Champlain and Ticonderoga.

Implementing Phase 2 of the pipeline would allow natural gas to reach Rutland sooner than anticipated by utilizing revenues collected from the IP mill.

IP subsequently announced its willingness take on the cost of Phase 2 of the project, estimated at \$70 million, as the operation has the potential to save IP \$15 million of its fuel costs each year.

In a press release on behalf of Vermont Gas Systems, President and CEO of Vermont Gas Don Gilbert explained the merits of the expansion.

"The agreement with Ticonderoga Paper Mill makes service a reality in Rutland many years

sooner than would otherwise be possible," Gilbert said.

Currently, the Vermont Public Service Board is reviewing Phase I of the pipeline. The Board is expected to make a decision on the initial proposal before the end of the year.

Vermont Gas Systems plans to file a petition with the Vermont Public Service Board in mid-November regarding Phase 2,

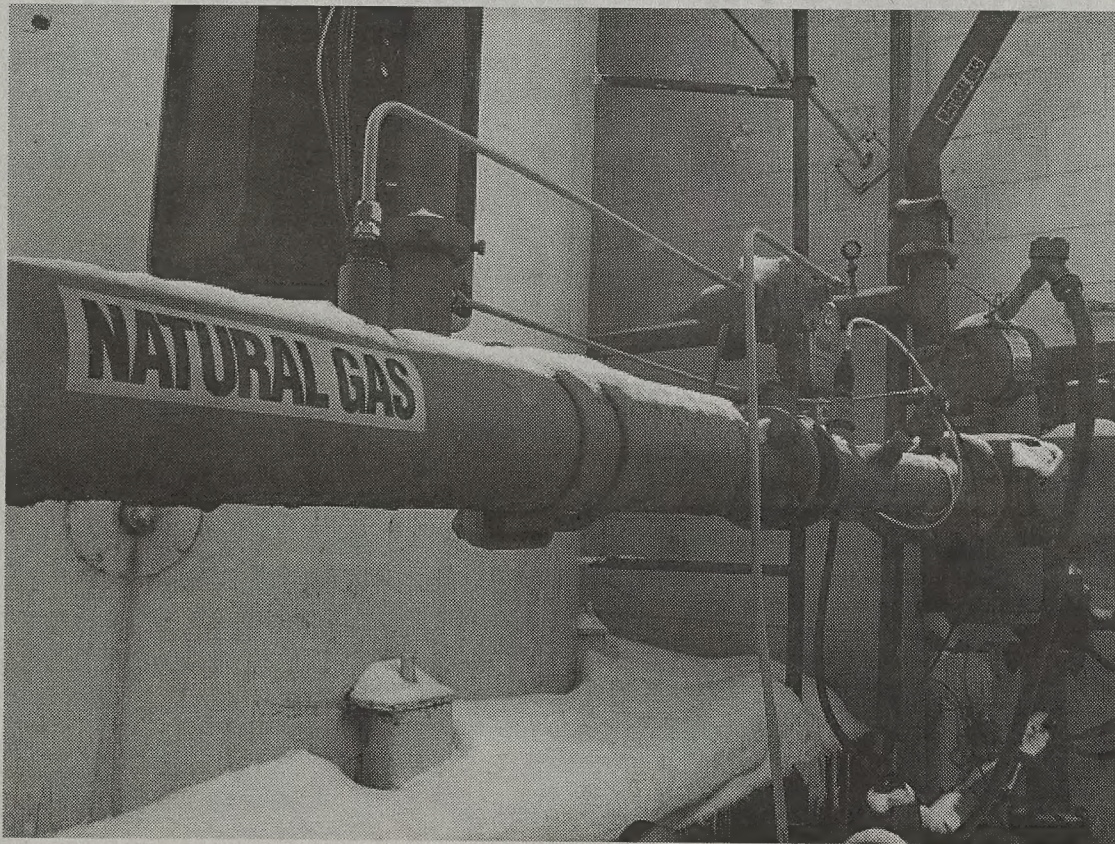
which was outlined in a letter to the selectboards of towns through which it would run. The state of Vermont mandates this process.

The additional phase of the pipeline has not been met with much enthusiasm. In fact, it has received primarily harsh criticism, particularly from residents of Cornwall and Shoreham.

Phase 2 has also touched upon the debate surrounding fracking, as some environmental groups have asserted that the extension of the pipeline would involve gas being reached by hydraulic fracking.

Still, as explained in Vermont Gas's press release, Gilbert believes that the pipeline providing natural gas is the best way to proceed.

"Natural gas has played a key role in the economic opportunities and environmental improvements in Chittenden and Franklin counties, and it is expected to bring \$200 million in energy savings to Addison county communities over the next twenty years, while reducing emissions by



COURTESY OF WWW.DENPUBS.COM; WWW.RISINGTIDEVERMONT.ORG; WWW.VPR.NET

Phase II of the natural gas pipeline will run from Middlebury to the International Paper Mill in Ticonderoga, NY. Phase 1 was a controversial topic for many Vermonters on both sides of the issue.

300,000 tons," Gilbert said in the press release. "These economic and environmental benefits will continue to grow significantly if natural gas service is extended to Rutland. That is why many Addison and Rutland county residents, employers and community organizations have expressed their support for natural gas and the economic and environmental benefits to their communities."

Despite Gilbert's claims, after receiving Vermont Gas Systems' letter describing Phase 2, the Cornwall Selectboard came down hard on Governor Peter Shumlin in a letter fiercely rejecting the proposition.

All five members of the Cornwall Selectboard, including chairman Bruce Hiland as well as David Sears, Abi Sessions, Judy Watts and Ben Woods, signed the letter, which was straight to the point from its opening sentence.

"Phase 2'. Hmmm, that term suggests a straightforward continuation of a Phase 1 proj-

ect ... but we all know that is NOT the case with gas pipelines," the letter began. "While a plausible case is made that the 'Phase 1' pipeline to Middlebury will serve Vermonters' economic public good, NO such argument can be made for the so-called 'Phase 2' pipeline to International Paper in Ticonderoga, N.Y."

The letter asserts that the additional phase is merely a financing scheme that will make money for IP, which, according to the letter, had established itself as a solid company before any pipeline plans were introduced.

The Cornwall Selectboard also explained that residents of Cornwall have already demonstrated deep opposition to Phase 1 of the pipeline, and that they are equally, if not more likely to reject what is called for in Phase 2.

In an email to Vermont Public Radio, Steve Wark, spokesman for Vermont Gas, commented on what he believes to be the positive aspects of the pipeline.

"The only way to get the economic and environmental benefits of natural gas to Rutland before 2035 is to serve the Ticonderoga Paper Mill," Wark said. "Rutland's median income is one of the lowest in Vermont. It's hard to understand why someone would work to block the expansion of natural gas service to more Vermonters, particularly those in Rutland. They may not understand how challenged the Rutland economy is."

Still, despite this claim, the Cornwall Selectboard calls for something else. In its letter, the members propose that Shumlin should come up with an innovative and creative way to finance a pipeline that would run directly to Rutland and not to IP.

They suggest a number of specific means of doing this, including raising gas prices "very slightly to extend natural gas availability further into Vermont."

According to Burlington Free Press, Sue Allen, spokeswoman Shumlin, explained in an email that the office is still looking over the letter from the Selectboard.



COURTESY OF WWW.MONTPELIERBRIDGE.COM

The proposed pipeline is controversial, partly because it carries fracked gas through Vermont.

A Man, His Barge and 24,000 lbs. of Goods Set Sail for The Big Apple

By Nicholas Orr

After many months of planning, Erik Andrus and his barge, "Ceres," are on their way to New York City with 12 tons of goods to sell along the way. Andrus, the owner and operator of the Bound Brook Farm and the Good Companion Bakery in Ferrisburgh, Vermont, conceived the idea of building a 39-foot barge, the Ceres, as a way to provide shelf-stable produce to vendors as he sails down Lake Champlain and the Hudson River to New York City.

The enterprise, called the Vermont Freight Sail Project, has partnered with farms near Andrus as well as the Greenhorns, a young farmer activism and advocacy network and the Willowell Foundation to launch this initiative. By leaning heavily on volunteer labor and crowd sourced funding, the once idealistic dream has now come to fruition as the Ceres and her crew of a half dozen, lead by Captain Steve Schartz, have already made it as far as Troy, New York.

Though the trip has been successful thus far, it has not been without challenges. The first was timing the load-in with a powerful storm that passed through last Monday, Oct. 8. With 24,000 lbs. of goods ranging from maple syrup and blueberry marmalade to potatoes and milled flour, the logistics of loading and balancing the barge has been difficult.

Things were made easier when friends of the voyage arranged for the Ceres to be loaded in the colonial-era shipping warehouses at Chipman Point Marina instead of a fishing access point at Champlain Orchards. For a project conceived in the image of Vermont's proud maritime past, the use of the Chipman docks was a delightful and useful opportunity for the Ceres and her crew.

The barge has been making speedy progress on their way south covering 54 miles over 12 hours, and arriving on Oct. 12 in Troy, New York. Tianna Kennedy, the dockside logistics coordinator for the project noted that the dockside event in the city was busy and commerce brisk.

While Andrus did not initially intend to include a motor on the barge, desiring to rely only on the wind for energy, consultations between the Coast Guard and Captain Steve Schartz have forced the project to include a motor for safety reasons, according to Kennedy. She said that the Coast Guard was worried that without a motor, the boat could find itself in unsafe positions once it got down



COURTESY OF WWW.VERMONTSAIFREIGHT.COM

The Vermont Sail Freight is ready to sail for New York at the end of the month.

to New York City as it maneuvers between ocean liners, ferries and all other types of sea-faring craft. The motor also makes the navigating of the many locks along the Hudson easier and more efficient for both the crew and the New York Canal Corporation. Kennedy was quick to reassure that the majority of time the Ceres still plans to be under sail.

The project is selling its products through both mundane and high-tech means. Individuals along the route can go to dockside and buy directly from the company or can make purchases via Good Eggs, an online grocer that brings local groceries right to its customer's doorstep.

If everything goes as planned, the

crew hopes to be in the New York City region by Oct. 23 — traversing from Yonkers to the New York City Harbor followed by the Brooklyn Navy Yard and the South Street Seaport. Once the goods are sold and the barge restocked, the Ceres will begin the long return north on Nov. 1.

Using AIS Ship Finder and Google Maps, interested parties can, at all hours, track the whereabouts of the Ceres as she makes her 600 nautical mile trip south to New York City and back.

The Vermont Sail Freight Project welcomes those interested in the project or the product to seek further information on their website: <http://www.vermontsailfreightproject.com/>.

LOCAL LOWDOWN



Cat on a Hot Tin Roof in Middlebury

Fact: Cat on a Hot Tin Roof by Tennessee Williams is one of the best American plays ever written. The tension between Maggie and her husband Brick is palpable in the movie version with Paul Newman and Elizabeth Taylor (!) so imagine what it'll be like on the stage! (If you miss this, definitely watch the movie, though — it is totally worth it.) This production is produced by the Middlebury Actors Workshop. Tickets are \$22/\$10 for students, available through the Town Hall Theater box office. Call (802) 382-9222.

Oct. 17-20

Barn Dance in Weybridge

There's nothing quite like a barn dance on a Friday night! Rick Klein and Peter Macfarlane of Atlantic Crossing will be playing live music at the event, which will take place at the Weybridge Town Garage and Fire Station. Luke Danforth will be calling the dances and all ages and abilities are welcome. Admission by donation, the proceeds of which will help fund Weybridge School's after-school program. For more information call (802) 545-2113

Oct. 18, 6:30 – 8:30 P.M.

Omya Quarry Open House in Middlebury

Interested in mining or large machinery? Omya Quarry on Route 7 south of Middlebury is hosting an open house. There will be bus tours for people of the open-pit quarry. If you've never seen it before it is HUGE! Learn all about rocks and minerals from the experts. For more information call (802) 770-7644 or visit www.omyainvermont.com.

Oct. 19, 10 A.M. – 2 P.M.

Ciderfest 2013 in Shoreham

There's no better way to celebrate the beautiful fall weather than drinking apple cider and apple wine and listening to live music at an orchard! If you're 21+, you can enjoy sweet and hard ciders and apple wins from the local area at Champlain Orchards for just \$18. Admission is \$10 for non-tasters. Buy your ticket online at www.champlainorchards.com!

Oct. 19, 3 P.M. – 7:00 P.M.

All-you-can-eat Pancake Breakfast in Addison

Looking for an alternative to Ross/Proctor/Atwater brunch? Head over to the Addison Fire Station to capitalize on an all-you-can-eat breakfast for just \$6. Enjoy plain or blueberry pancakes, as well as breakfast meats, fries, coffee and more! All proceeds go to the Addison Volunteer Fire Department. For more information, call 759-2237.

Oct. 20, 7:00 A.M. – 11:00 A.M.

New Haven Farm and Food Festival

If the all-you-can-eat breakfast didn't fill you up, not to worry — just one hour later, you can drive over to Tourterelle Restaurant on Route 7 for the New Haven Farm and Food Festival. There will be a buffet-style lunch, music, and activities including hayrides and a petting zoo! If you missed the petting zoo on Battell Beach, you definitely don't want to miss this!

Oct. 20, 12:00 P.M. – 3:00 P.M.

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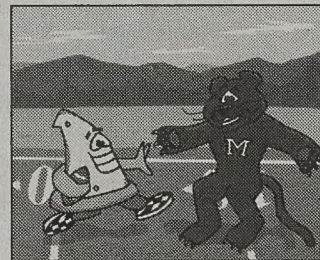
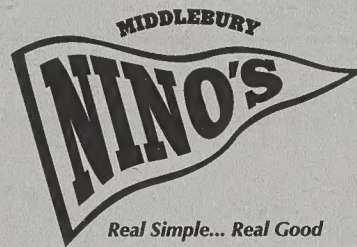


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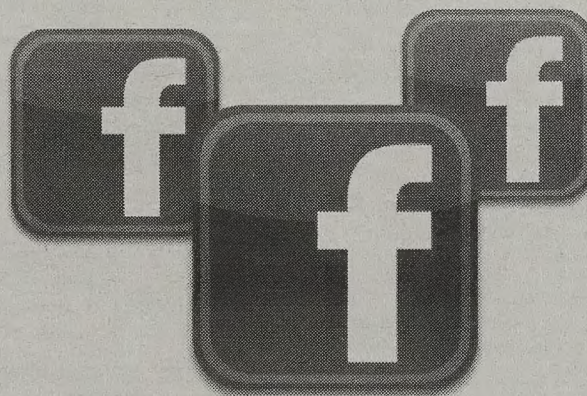
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OPINIONS

The Middlebury Campus

2,512 Students + 32 Trustees = Progress

We owe much of what we enjoy here to the decisions and guidance of the Board of Trustees. But considering how much this group impacts us every day, how well do we really understand the board?

EDITORIAL
The editorial represents the official opinion of *The Middlebury Campus* as decided by the editorial board.

While some student groups engage directly with the trustees through positions like the Student Liaison to the Middlebury College Board of Trustees Investment Committee, to most students,

the Trustees are nameless figures seen floating in and out of Old Chapel from afar three times a year, making crucial decisions on how the College runs and how our budget is spent. Few students truly understand the people who comprise the board and the process through which they operate, and often our existing conceptions are not accurate.

This disconnect exists on both sides of the aisle. Students often do not understand the board's long-term responsibilities, and Trustees struggle to take the pulse of the student body. Nevertheless, the Trustees' goals fundamentally align with the goal of many students on campus. We all desire to make Middlebury the best school possible.

The creation of an avenue to foster dialogue between Trustees and students would therefore benefit both parties. Students could view their own work on campus in the context of a larger picture, and Trustees could ground their long-term decisions in the current student experience. By aligning goals and cutting down on miscommunication, we can maximize our efforts to create positive change on campus.

Though some streams of communication between the students and the Trustees already exist through President of the College Ron Liebowitz and Special Assistant to the Board of Directors Stephanie Neil, the nuances of opinions and issues that concern students on campus cannot adequately be conveyed through a second-hand summary. Personalized discussions between students and Trustees would help both sides see eye-to-eye. While many Trustees are either alumni or parents of past or current students, the student body is dynamic and salient issues change with time. The board's understanding of student issues should adapt with these changes, while still keeping track of the broader goals of the College and their fiduciary responsibilities. As Carolyn Ramos, a Trustee who sits on the Student Affairs Committee, said in an

interview with *The Campus* last week, "Our core group — our client, if you will — is the students." While her committee is especially responsible for keeping tabs on the student body, we encourage other committees to check the temperature at the ground level as well.

Because such discourse is outside of the established roles of Trustees and their physical time on campus is short, students must take the initiative to forge relationships with board members, be it for their expertise in a certain field or for their focus in a certain field of College functions. We, therefore, propose a streamlined liaison program in which student organizations or a group of students could reach out to a specific Trustee based on his or her personal background and role within the board. Trustees could then select one or two groups which whom they would meet if they so choose. The student groups that meet with Trustees during any given board meeting would vary depending on which groups feel moved to solicit the Trustees depending on the climate on campus. This process should be formalized so that Trustees are not overwhelmed by student emails, but should also not be intimidating for students who may be more hesitant to voice their opinions.

Take *The Campus* for example. Several Trustees have backgrounds in media, both purely in journalism and on the legal side. These Trustees would have a better understanding of the issues that concern us as an organization. Through this process, we would be able to research these Trustees and put together a proposal through Stephanie Neil in the hopes of sitting down and learning from each other.

To be sure, the liaison program is not for every Trustee, nor should it be a requirement. But for interested Trustees, the program would give them the chance to develop a meaningful relationship with groups of students that share their interests.

While we appreciate that the Trustees already time and money to the College, we also hope the love for Middlebury that compelled them to join the board in the first place will compel them to engage with the student body and get a taste of what the student experience is like today. Addressing the disconnect between students and Trustees would provide a productive outlet for concerns on both ends where opinions can be constructively communicated rather than indirectly conveyed through protest.

So, Trustees, as you meet and discuss big decisions on this campus, consider sitting down to lunch with us. We'd love to get to know you.

The Middlebury Campus

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what does
"Green"
mean to
the Campus
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End the Feb Program

"What did you do over your Febmester?"

I looked around the room full of new acquaintances. One had traveled to Africa. Another had ridden on horseback across part of Patagonia. A third had trekked through Nepal. How could I match that? I'd simply enrolled in another college for the fall semester. Like many of my friends and classmates, I had never wanted to be a Feb. But I'd wanted to go to Middlebury since I first skied at the Snow Bowl. The stories you never hear are about the Febs who spent the fall working retail or start-

APPLY LIBERALLY

Zach Drennen '13.5 is an Opinions editor from Canandaigua, N.Y.

ing college elsewhere, or who eagerly applied early decision and then sat at home while the rest of their friends left for their schools of choice. You hear about the Febs who went off to save the world; for many Febs, for many reasons, world travel is not an option. Although I later took a semester off to "follow my passions," I simply wasn't ready at 18. I had never left home on my own, and I wasn't comfortable asking my parents for the money for such a trip.

When new Febs arrive at Middlebury, the initial exuberance quickly clashes with the reality of the situation. Regular first-years have a hall of peers, an FYC and a Commons system for support. New Febs do not. They are scattered in whatever space is available, often a long way away from potential new friends and sometimes with upperclassmen with whom they have little in common. Whatever integration they get into the Commons system feels like an afterthought at best. Middlebury, of course, has a way to spin this. Febs, they say, are independent-spirited leaders. What they really are, though, are first-year college students dealing with the same struggles as any other new student — sudden freedom, course loads, the omnipresence of alcohol — but with a lot less official support.

Febs are different than typical first-years in at least one way. We are almost exclusively white. There is a simple reason for this: the College only reports the diversity statistics of fall admits. Former Director of Admissions Bob Clagget said in a *Campus* article published in March 2010 that "we tend not to offer February admission to American students of color unless they specifically ask for it." By taking in a lily-white February

class, Middlebury looks much more diverse than we actually are. And in a time when Middlebury is straining to put forward a more diverse face, the Feb program is shockingly, publicly, unabashedly racist. There are country clubs in Mississippi with more minority members than the Feb classes.

Middlebury College is renowned for its language programs. February admission makes it difficult for students to take full advantage of these programs. Most introductory language classes start in the fall, and intermediate classes take place over J-term. By the time Febs arrive, they must either wait until their second semester to start a new language or take an accelerated option. For many Febs, this makes going abroad in language programs difficult, as they cannot achieve the required level of mastery by the spring of their junior year.

Although Febs tend to form a more tight-knit class than do the fall classes, this is out of necessity. By the time they come in midway through the year, the fall class has solidified their social circles, often centered around a common hallway or team experience. Many Febs also experience a sense of inferiority, as though they must overcompensate for

whatever quality they lacked to allow them to come to Middlebury in the fall. These factors create an unnecessary distance between Febs and the rest of their classmates that often persists throughout the college experience, especially in the final semester when the rest of the class with which they identify has moved on.

The original public justification of the Feb program makes little sense. It is difficult to buy the argument that Febs are necessary to fill the beds of students abroad in the spring when the incoming classes merely serve to replace the outgoing Febs.

This is not to say that I am not grateful for my experience at Middlebury. I love this community, and the people who make it special. If I were to go through the college experience again, I would do nothing differently. Obviously, we should not prevent students from taking gap semesters or gap years if they so choose. But unless the only issue that Middlebury cares about is appearing more diverse on paper than in reality, the Feb program creates far more problems than it solves. It is time to phase out the program in favor of more integrated classes.

"In a time when Middlebury is straining to put forward a more diverse face, the Feb program is shockingly, publicly, unabashedly racist."



Greetings to the Board

READER OPED

On behalf of the undersigned students

To the Middlebury Community, On Friday midday, we, the undersigned, will gather outside of Old Chapel to greet the Middlebury College Board of Trustees as it prepares to make decisions about Middlebury's future. We will be holding "Student Office Hours" as members of the Divest Middlebury campaign. As a community, we have a moral obligation to continue the conversation about removing fossil fuel holdings from our endowment. Our primary goal is to address the remaining concerns of Board members and communicate to them the urgency of our cause.

As students at Middlebury College, we have a stake in the decisions the Board will make on Friday. The bot-

tom line is that divestment discussions are about more than the \$970 million of our endowment; they are about the future of life on this earth. We are not willing to sacrifice the most vulnerable populations and future generations for short-term convenience.

We would like to invite members of the Middlebury community hoping to voice concerns about any issue to join us from 11-12:30 P.M. on Friday. We look forward to engaging the Board of Trustees in meaningful conversation.

Sara Bachman '13.5
Jeannie Bartlett '15
Kyler Blodgett '17
Maeve Grady '16.5
Adrian Leong '16
Hanna Mahon '13.5
Greta Neubauer '14.5
Ellie Ng '14
Teddy Smyth '15
Virginia Wiltshire-Gordon '16

It is Easy Being Green

READER OPED

Poets for a Just Middlebury

Trigger warning: References to sexual assault

It's the green issue – hip hip hooray!
For so long have we waited for this very day!

A day to discuss the power of Green!
'Cause Green runs our school, you know what we mean?

It takes Green money to keep this place sterile and clean –
We should be grateful for all our school's Green!

Green gives us comfort and safety and joy –
Lets us run through Green fields and play with Green toys!

But what happens when something's not right,
When a once-smiley student cries her way home at night?

(What's a Midd kid to do, when he hears the word 'no'
When he knows the strength of the Green hills is His also?)

She talks to her friends, to the appropriate deans,
She's told to stop drinking, to not make a scene.

Some offer support and try to fight for her case,
But their efforts prove futile with this system in place.

No one would take action, how could this be?
She thought Green was comfort, was home, was safety!

Where is she now? We don't pretend to know –
Living back home, in your class in Munroe?

Or perhaps she is writing this poem today
To tell her Green school in the cleverest way:

We know that Green is the reason assault is hush-hush,
Can't tell the public – donations are a must!

But education means s--- if students aren't safe,
It's for students not donors that we run this place.

We may be carbon neutral by 2016
But nothing will change 'till we stand up to Green.

Oh and one last point that we cannot escape:
It is easy being Green. It's not easy being raped.

PERFECT COMPETITION OF INDIE POP

This past July I was at a festival in Geneva, Switzerland waiting for Best Coast to come on stage when I realized that I was actually seeing Beach House and not the aforementioned surf-pop duo. When I told people which bands would be playing at the festival I would say, "Neil Young, Santana, Phoenix, Alt-J, and Beach House." Strangely though, every time those last two words came out of my mouth, I would imagine the cat and ocean of Best Coast instead of the orange zebra pattern of Beach House. While it is possible that my mind simply could not wrap itself around the similarity of the two names, I saw the mix-up as indicative of something else.

Nearly seven years ago, The Shins' "Wincing the Night Away" debuted at number two on the Billboard 200 sales chart. Four years later, The Decemberists

hit the top spot with "The King is Dead." The New York Times described Vampire Weekend's set at the Barclay's Center last month as the second most important show in the venue's history, behind only that of hometown hero, Jay-Z, and, while Brooklyn's coliseum-of-sorts has only been open since last fall, it has seen such acts as The Who, The Rolling Stones, Paul McCartney, and Beyoncé. Indie went mainstream.

LCD Soundsystem's "Dance Yrself Clean" is a party anthem as reliable as any and Arcade Fire is about to release one of the most hyped and anticipated albums of year. From The Dirty Projectors to Grizzly Bear, the best bands indie has to offer have continued to surprise and excite. Those myriad other bands which make up the bulk and base of the "indiverse," however, fall short – an indistinguishable heap of old sounds rehashed into predictably successful, but inevitably forgettable, four-to-six minute arrangements.

EBay is often cited as a real-world example of perfect competition. Though empirically impossible to prove, I believe the emergence of big-market indie can be similarly explained through the lens of this elusive economic model.

The 21st century has seen the Internet grow exponentially and, with it, the ability to share information. Bands that in another decade might not have seen the light of day are now able to reach millions of people with a simple share or blog mention. It is easier than ever before, for more people to listen to more music. Indie sounds are generating real success or, in other words, there is a market for indie music and it is lucrative. As theory would suggest, firms (read: bands) have flooded in. Unfortunately though, theory also stipulates that production in such a market is homog-

enous.

I don't think it mattered that I was waiting to see Beach House and not Best Coast. I would have enjoyed either show, but neither would have been remembered among the dozens of other shows I have seen. These bands are part of an all-too-prevalent trend of stasis and repetition. Someone found the formula for indie success and deemed any further sonic exploration unnecessary. In this age of immediate access one is forced to wonder whether people want genuine art or just a quick and easy fix.

This trend holds in other mediums as well. From the end of the original Hollywood storyline to BuzzFeed's infinitely inane lists posing as journalism, the driving force behind modern media is quite clearly quantity not quality. This is not to say good stuff is not out there because it is. When embraced creatively innovation is possible, but such efforts are rarified and, with so much out there, it is getting harder and harder to find.

Pausing to speak to the audience between songs, Beach House's Victoria Legrand asked the crowd, "Est-ce quelqu'un va faire l'amour dans le bois? C'est dommage si non. [Is anyone going to make love in the forest? It would be a shame if not.]" This empty and thinly-veiled attempt at recreating the emotion of the '60s fell flat. Did she think her statement would somehow have meaning because she said 'make love' and not simply 'have sex'? I used to think that indie stood above the rest and, at that time, I did not think I was wrong. Now, however, the real strides in sound and content are coming from Frank Ocean, Kanye West, and Kendrick Lamar. Hip hop and R&B, though often goldmines of derivative misogyny and homophobia, have produced the real gems of recent years.

Far too much of today's indie will see longevity only as the forgotten backing track to some college freshman's otherwise enjoyable drug-fueled haze of night. It is fun live, it is fun at first listen and Pitchfork likes it, but will any of that matter 18 months after its release? Indie has become pop music: what the people want to hear without challenging their expectations. If it were not so goddamn pretentious this would not matter but it is and it does. It is time for indie music to escape this Groundhog Day and live up to what it can and should be: edgy and unexpected.

CITIZEN KANYE

Nathan Weil '15 is from Geneva, Switz.

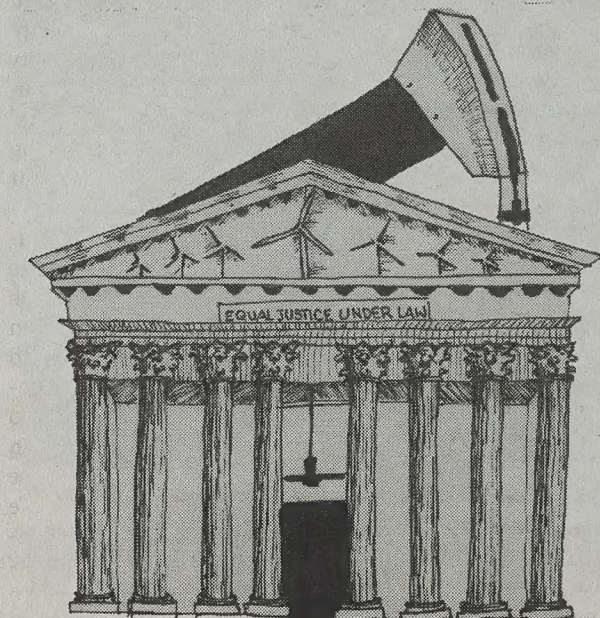
"In this age of immediate access one is forced to wonder whether people want genuine art or just a quick and easy fix."

Clean Air and Blurred Lines

The U.S. Supreme Court has a number of high-profile environmental cases on deck for this term. As Greenwire reports, the Court can choose to hear cases that concern challenges from independent parties and 17 states calling for a broad review of the Environmental Protection Agency's (EPA) greenhouse gas regulations, questions about where we should limit campaign finance contributions and the Forest Service's use of land on a Wyoming resident's property. The most closely-watched recent development, however, concerns another Clean Air Act case and the EPA's Cross-State Air Pollution Rule (CSAPR).

GREEN PIECE

Julian Macrone '14 is from Clifton, NJ



In August last year, the U.S. Court of Appeals for the District of Columbia ruled two to one that CSAPR regulations overstepped the EPA's statutory authority to control emissions. The decision was justified in two parts. First, the Court opinion argues that the EPA is granted authority to require a state to reduce its emissions only by the amount that drifts over into other states, and CSAPR generally requires increased reductions. Second, the Court argues that the rule circumvents a state's authority to develop its own greenhouse gas reduction plan; instead of deferring responsibility for regulatory design to the states, the Court claims the federal government too quickly prescribes a solution to a state's problem.

A scathing 44-page dissent by Judge Judith Roberts asserts that the Court's decision "trample[s]" on the Court precedents already set with respect to Clean Air Act issues. Roberts also claimed that the Court based its conclusion about overly-stringent regulations on arguments that were never made by the challengers. Environmentalists on the whole feel that Roberts got the law and the precedent correct, but which way will the Supreme Court decide?

Why shouldn't the EPA be able to regulate emissions as CSAPR provides? The rule placed tougher restrictions on nitrogen oxides, sulfur dioxide, and particulate matter, which opponents of the rule claim put heavy burdens on the nation's power plants and electrical grid. The measures would have resulted in a 50 percent cut in nitrogen oxides and sulfur dioxides bringing in \$280 billion in health benefits at a cost of \$880 million to industry. The numbers seem hard to argue with, but Supreme Court decisions rarely consider empirical data exclusively.

The Court ruled in *Massachusetts v. EPA* that the EPA has the responsibility to regulate greenhouse gases under the Clean Air Act, but the issue here concerns more than a simple question of responsibility. Robert's dissent points out that the states had their opportunity to come up with "good neighbor" State Implementation Plans to accord with the mandates, but many of them didn't submit one

before the window to do so closed. The statute states that the EPA can provide a Federal Implementation Plan "at any time within two years after the Administrator — finds that a State has failed to make a required submission . . . or disapproves a State implementation plan submission in whole or in part." Stepping in to provide emissions reductions for the states then seemed to be a discretionary move on the part of the EPA, since the conditions for action were met.

With regards to arguments claiming that the EPA shouldn't be able to require upwind states to abate more than what they contribute to pollution levels in downwind states, and that states should be held to more flexible standards, I think we're faced with somewhat of an ideological question. While the question concerning how much the EPA can legally ask the states to regulate under Clean Air is certainly an important legal question, we might also ask to what extent the individual states should contribute to reducing emissions in the larger picture. It does seem reasonable to claim that states shouldn't have to take action in abating more pollution than they send downwind, but I don't think that should lead us to complacency. While state boundaries make it easy to point out where states' duties end, the chain of responsibility concerning where power is used is less straightforward than where it is produced and where point-source pollution ends up. Considering that the power produced by point-source polluters could play a more important in interstate affairs (say commerce) than previously thought might help an argument for more proactive state action and tighter regulations.

The question of what shape future regulations relating to the Clean Air Act will take is ultimately a question for policymakers, but that of what shape those regulations can take is very much a judicial question. For that reason, the decisions that the Court may choose to make in the coming term should have significant effects on future expectations we'll have regarding individual states' roles in solving large-scale collective problems.

WHAT'S COOKING AT CHARTER HOUSE?

This column is sponsored by the Service Cluster Board (SCB), a group of student leaders involved in volunteer service, activism, and advocacy work on and off campus. In close collaboration with the SGA Finance Committee, the SCB provides a flexible and responsive administrative structure to support and promote student service organizations and projects at Middlebury, including Charter House. Please contact scb@middlebury.edu for more information!

SPOTLIGHT ON SERVICE

Cate Costley '15 is from Williamstown, MA

at Middlebury, including Charter House. Please contact scb@middlebury.edu for more information!

"There is nothing better for any of us than to give," said Dottie Neuberger as she looked around at the checkered tablecloths and smiling people on a Friday evening at Community Supper in the First Congregational Church in Middlebury. As Neuberger, the coordinator of Community Supper, said, this is a place "to give and get love." With her characteristic sincerity, she added, "It is a place to touch souls."

It all began with a Christmas dinner. Starting in 2000, two Middlebury families, one of which was Neuberger's, spent Christmas night at The Commons, a restricted-income housing development in Middlebury. Here, they shared a hot meal with any and all residents who wanted to join. In Neuberger's mind, those Christmas meals were evidence of food's power to bring people together. At the same time, they revealed that food insecurity, poverty and homelessness are prevalent issues in Addison County.

In response to these issues, the Community Supper program and its parent organization, the Charter House Coalition, were born in March 2005. The Coalition is a non-profit organization dedicated to providing basic food and housing to people in-need in and around Middlebury. Doug Sinclair, one of the Coalition's founding members in 2005 and its current volunteer president, articulated the mission of the Coalition: "We are an organization committed to making life better for those who are food insecure or precariously housed — and doing it in a community-minded way."

To this end, the Coalition operates five distinct programs that house 45 individuals a year, serve 21,000 meals and draw on a network of over 750 volunteers. With this manpower, the Coalition performs over 23,500 hours of service every year.

In its eight years of operation, the Coalition has grown and expanded greatly. In terms of the meals programs, on March 1, 2005, 22 people gathered at the Congregational Church in Middlebury for the first Community Supper. Eight years and over 100,000 meals later, Com-

munity Supper has grown into a weekly event on Friday evenings that provides hot, wholesome food to some 200 diners each week. In the past year, 37 different organizations volunteered their time, food and manpower. These organizations include Addison County Teens, the Weybridge and Cornwall Congregational Churches, the Swift House Inn, Havurah, the Middlebury College alpine ski team, Connor Homes and many more.

Likewise, the Coalition's housing programs have grown in scope and impact in eight years. In response to housing insecurity, the Coalition runs an emergency winter housing facility at the Charter House on Pleasant Street in Middlebury. From November through April, the Charter House provides a home for up to five families or individuals at a time. In a note addressed to the members of the Coalition, one former resident conveyed the impact of the Charter House, "My family would like to extend our warmest and strongest thank you for providing us with a place to establish stability during a very stressful, difficult and overwhelming time of transition."

The Charter House staff works closely with other service organizations in the county to connect with families and individuals who would be a good fit for Charter House residency. After an application process, the individuals and families move into the house. Sinclair Housing Programs Coordinator Samantha Kachmar and other Charter House volunteers seek to connect residents with caseworkers from organizations such as HOPE to assist these individuals and families move forward. Furthermore, volunteers staff the Charter House 24-hours a day. The volunteers range from retirees such as 82-year-old Paul Viko to Middlebury College students like James McMillan '14, with a wide range of individuals in between.

With a host of different programs and a broad network of volunteers, the Charter House Coalition has identified needs in the Middlebury area and works every day to alleviate them. The sheer number of meals served and demand for space in both the Charter House and the transitional housing apartments attest to the fact that housing and food insecurity are significant issues in Addison County. But the Coalition's programs fulfill other needs as well — needs that are perhaps less concrete and statistical, but are equally important. They are the need for connection and laughter and not feeling alone and feeling part of something bigger. A woman's words over lunch one day say a lot: "I have never experienced such incredible love ... as I have here."

If you're interested in learning more about the Charter House Coalition, or would like to volunteer, please e-mail James McMillan '14 (jmcmillan@middlebury.edu).

Launch your international career
through Peace Corps service

PEACE CORPS AT MIDDLEBURY

Thursday, October 24

OFFICE HOURS

Student Center

1:30 p.m. to 4:00 p.m.

INFORMATION SESSION

Adirondack Coltrane Lounge

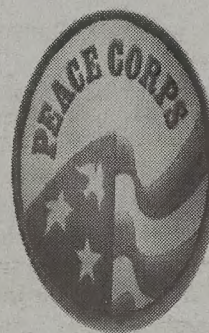
Center for Education in Action

7:00 p.m.

Learn more from Middlebury

Recruiter Zoe Armstrong

zarmstrong@peacecorps.gov



Peace Corps

peacecorps.gov - 855.855.1961

Dear Mr. President

Dear President Liebowitz, the College administration, and the Board of Trustees,

Thank you for your transparency in your statement regarding divestment and the Board's internal processes and preliminary proposals. We appreciate the time you have dedicated and your

READER OPED

On behalf of Divest Middlebury

willingness to collaborate with us as we work to divest our endowment of fossil fuels. While an increased commitment to socially responsible investment principles is a step in the right direction, it is not the end of this debate.

Liebowitz claimed that a number of critical questions regarding the College's decision on divestment remain unanswered and asked whether divestment would have a practical impact. Past divestment campaigns targeting the apartheid regime in South Africa and the tobacco industry helped to stigmatize powerful forces wielding undue influence against the public good. In the 21st century, divestment provides an opportunity to remove the social and political license that allows the fossil energy industry to profit by passing on the costs of its pollution to future generations.

Liebowitz also asks if divestment is the most effective way to address reducing greenhouse gas emissions. This should not impact our decision. The fight against global climate change will require massive shifts in the economy, personal habits and public policy. Di-

vestment is one tactic among many that will hasten this shift.

What impact would divestment have on our returns? Growing evidence suggests that the impact, if any, will be positive. Impax Asset management determined that a portfolio that excluded fossil energy stocks would have outperformed the MSCI world index by an annual rate of 50 basis points over the last five to seven years. Even compared with an "active" investment strategy, a portfolio that excluded fossil fuel stocks in favor of renewable energy and energy efficiency equity would perform 41 basis points greater each year. The five largest oil companies delivered returns of 1.8 percent over the past year compared with the S&P 500's 16 percent. Although Investure outperformed this index, it seems improbable that a significant part of that performance comes from the small portion of the endowment invested in the 200 largest fossil energy companies. The Financial Times reported last month that for the industry, "costs were up and returns were down — even with oil prices at more than \$100 a barrel." Goldman Sachs released a statement warning that the "window for profitable investment in coal mining is closing" while according to Deutsche Bank, "for big oil companies, the writing is on the wall. Shrink and liquidate over the coming five years, before it is

"As people continue to suffer from environmental injustice and the climate crisis grows more dire, we cannot afford to ignore reality; we cannot afford to be late. We must be early."

too late." If fossil energy stocks underperform the market at the peak of their profitability, how can we expect them to perform as the world transitions to renewable energy sources?

We recognize the complications posed by the co-mingling of our funds through Investure. But divestment is possible without severing this relationship. Active divestment campaigns exist at four of the six educational institutions managed by Investure, and five of its other clients have missions that contain explicit environmental or social

justice commitments. If Investure is unwilling to serve its clients by allowing them to divest, we must ask ourselves whether we can consider an endowment over which we have so little say to be responsibly

managed.

In response to Liebowitz's final question regarding the potential for future calls for divestment from other industries, we challenge the administration to find an industry that operates in such direct contradiction to the mission and work of the College. Environmental stewardship is one of the college's most explicitly stated and practiced tenants. The College's mission statement includes a clear commitment to integrate "environmental stewardship into both our curriculum and our practices on campus." The management of our en-

dowment is integral to everything we do on campus, and its impact reaches far beyond the Green Mountains.

Middlebury has long been at the forefront of institutional sustainability, even before programs like recycling and composting were fashionable. The College has made bold commitments like carbon neutrality because it knows these kinds of steps are the only way to truly mitigate the worst effects of climate change. This innovation has attracted many students to Middlebury. We are proud to be members of a community that has been a leader in environmentalism, from the first environmental studies program in 1965 to the founding of 350.org in 2007. We cannot turn our backs on this legacy.

We ask the President, administration and Board of Trustees to continue exploring pathways to divest. We hope to keep working with the administration towards a community whose finances no longer contradict our mission of "integrating environmental stewardship into our curriculum and our practices on campus." Martin Luther King Jr. wrote that "in this unfolding conundrum of life and history, there is such a thing as being too late." As people continue to suffer from environmental injustice and the climate crisis grows more dire, we cannot afford to ignore reality. We cannot afford to be late. We must be early. We must push ourselves and our peers to take further action, even when the path presented is not the most convenient.

In short, we must lead. Middlebury has embraced this challenge in the past, and we must continue to work for a sustainable planet.

Eight Things to Know Before Your Next Burger

1. Eating Beef is horrific for the environment.

Eating beef results in an enormous amount of carbon emissions, to the tune of around 2.7 kilograms of carbon dioxide per 100 gram serving (or around 214 calories of 90 percent lean beef). In fact, a drive from Middlebury to New York City actually releases less CO₂ than getting a burger along the way.



MEATY PIECE

2. Lamb is actually worse, in-terms of CO₂ emissions, than beef.

Producing lamb is estimated to release 34.2 percent more CO₂ than beef for the same serving size. One of the main reasons is that the portion of edible flesh on lambs (42 percent by weight) is far lower than in cows (55 percent by weight), although the relative economic value of the meat from a single lamb is higher than beef, meaning there is an incentive for farmers to keep raising lamb. For any amount of protein harvested from lamb, the carbon emissions released will be more than eight times larger than the same amount of chicken would produce.

3. Pork is, relatively, more environmentally friendly than you might think.

In part because so much of each pig is edible (65 percent), CO₂ emissions of pork production per weight of meat output are roughly four times less the same amount of beef, and only about two times more than chicken.

4. Locally raised meat, especially beef, does not drastically change environmental impact compared to non-local meat.

According to the Environmental Working Groups, 90 percent of carbon emissions related to beef come from the production and disposal — or waste — of beef, which does not include its transportation, storage, or preservation. Locally raised beef may be good for Vermonters, but it is only slightly better for the climate.

5. Cheese is drastically worse for the environment than you thought, but yogurt and milk are fine.

For every kilogram of cheese produced about 9.82 kilograms of CO₂ are released, which is only 36 percent less than beef's emissions by weight. That is more than twice as bad for the environment as bacon (although that is if you are eating 100 grams of cheese, which is unlikely). Yogurt and milk, in contrast, have emissions comparable to broccoli, tomatoes and other crops. The primary reason behind this discrepancy is that it takes 10 pounds of milk to make 1 pound of cheese.

6. Only looking at the weight of wasted food in the dining halls tells us very little.

The difference in the climate implications of an entirely wasted salad is less than the last bite of a hamburger. It is, however, useful to know the total weight if we can estimate the proportion of each type of ingredient that it is made up of (how much of the waste is London broil versus "bean greens"). A better way of doing this is simply measuring how much of what kind of ingredients are used by our dining halls. That said, it is an extremely noble cause: 15 percent of total beef emissions are a result of "avoidable waste", compared to only around 1 percent for domestic transport and refrigeration.

7. Our binary conception of "vegetarianism" is irrational.

Vegetarianism and Veganism are generally conceived as absolute categories: you are or you are not. This is misguided and not just because vegetarian burritos at Chipotle come with free guacamole. It is very

hard to give up meat, but replacing half the meat on your plate with a plant-based protein every day is far more impactful than adopting "meatless Mondays."

If you cannot be a vegetarian because you cannot give up bacon, then just give up everything else. Or just give up beef and lamb and order instead, when possible, vegetarian, chicken or seafood options.

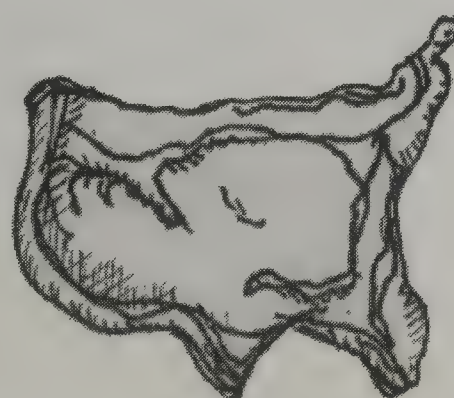
WARM GLOW

Hudson Cavanagh '14
is from New York, NY

8. There are decreasing returns for replacing proteins.

Although there is about a 20-kilogram difference in CO₂ between beef emissions and chicken emissions per kilogram of meat produced, the difference between chicken emissions and tofu (which is similar to other plant based-foods) is only about 4.9 kilograms of CO₂ emissions. This means that, although there are strong moral arguments for why eating tofu is preferable to killing chickens, environmentally speaking, you are getting around 80 percent of the benefit by switching from beef to chicken as compared to beef to tofu.

Feel free to reach out with questions regarding methodology, sources, or logic. Almost all of the CO₂ emissions estimates for this piece come from the Environmental Working Group's "Meat Eaters Guide (2011)," which is publicly available for free.



MEATY PLACE

CARBON CLEANUP

AN INSIDE LOOK AT WHEN THE BIOMASS PLANT SHUTS DOWN

STORY BY: JOE FLAHERTY PHOTOS BY: ANDREW CATOMERIS DESIGN BY: OLIVIA ALLEN

When the Biomass plant, a lynchpin of Middlebury College's carbon neutrality goal, shuts down, it is a massive undertaking. Starting the night of Thursday, Oct. 10, the plant's input of wood chips was stalled, the burners died down and steam pumping through the College's pipes was heated by oil instead of the gasification process.

Kelly Boe, central heating plant manager, said the longer the plant runs, the greater the effort is required to clean it.

"This thing has about an eight to 10 week cycle on it before we have to shut it down and clean it out," Boe said. "Since it started up five years ago we've tried to increase that cycle so we can run longer and have more of the work for the campus be done by biomass as much with oil. We just went 16 weeks, which is the farthest we've ever gone."

Understandably, an operation as large as the Biomass plant does not shut down without planning ahead of time.

"The real issue with this guy is you don't just shut it off for an hour," Boe said. "It's like a fireplace. The way you shut it down is you just shut the wood off and starve it. And if it goes out then you have to restart it. It's not like pushing a button and it starts for you."

The run-up to the shutdown meant letting the gasifier burn through the remaining supply of wood chips that arrive at three tall garage doors at the back of the plant. Ninety tons a day of wood chips arrive daily at the plant.

"The bunker holds a one-day supply," Heating Plant Operator Myron Selleck said, gesturing to the pit.

Although the plant is a highly visible part of Middlebury's campus, most students probably do not grasp the extent of the process that starts with semis pulling up to plant and ends with hot water and heated buildings. In another difference from a wood stove, the Biomass gasifier does not simply burn wood chips.

"The way the whole system works is we put wood in the [gasifier], and we restrict the amount of oxygen that we let it see," Boe said. "The wood won't actually combust. It will give up a gas which is a flammable gas that is primarily hydrogen and carbon monoxide, which both have energy value. We maintain the gas at about 3 percent oxygen. It goes over to the boiler, and just before it gets to the boiler, we hit it with another shot of oxygen, and that's when it catches on fire, and it'll actually burn at that point."

Burning the wood-gas rather than the wood itself makes the plant heat up water to create steam more efficiently.

September was an ideal time to run the biomass for the last leg of its 16-week marathon.

"In the month of September, 23 out of the 30 days were oil-free," Boe said.

Having temperate weather meant the demand for steam from the plant was not as great as it is in summer, when the Biomass plant sends it to Bicentennial Hall.

"We use steam to cool the building," Boe said. "The steam will regenerate the refrigerant."

The plant has been a financial boon to the College on top of being a highly visible reminder of Middlebury's commitment to sustainability.

"It was put in place because of the carbon-neutral goal the College had for 2016, but there is a great financial windfall that comes with that when it runs and you don't burn oil," Boe said.

Despite a glitch-free 16 weeks of operation, the success of the plant was never certain, especially when the plant was first installed.

"There's not many of these out there, and this one was one of the first put in of its size," Boe said. "So even the manufacturer was in uncharted waters. We had to learn our way around it and figure out how we needed to run it full capacity and how to get from four weeks to six weeks to eight weeks to 16 weeks."

Despite the numerous steps in the Biomass process, Boe said the plant can be run

by one person. Nevertheless, the 10-hour shifts that the heating plant operators work overlap by several hours just in case.

The plant operators continue to strive for greater efficiency for the plant and less reliance on oil when the plant is not running. Boe said that the goal of maximizing efficiency leads to some discussion.

"Going to 16 weeks gets a little bit of a debate going because there are seven or eight of us, so we all have an opinion about how the next thing should work," he said.

One theory that is moving forward has to do with supplementing the plant with bi-methane purchased from a supplier south of Middlebury. That proposal, however, is not without controversy and complicated engineering.

"It's all tied into the natural gas pipeline that is getting some attention now, as to whether or not that's the way we convey it to the boiler," Boe said. "And as for the burned [methane], we will have to reconfigure the boilers."

A misconception students and faculty have about the plant, Boe said, is that the Biomass facility is configuring heating for individual classrooms and dorms.

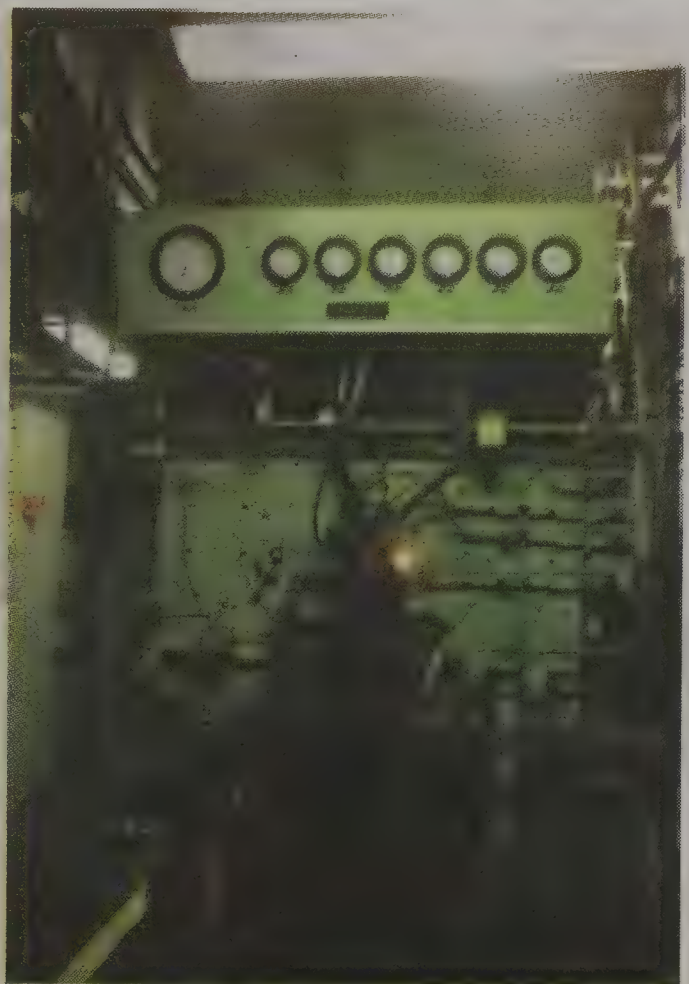
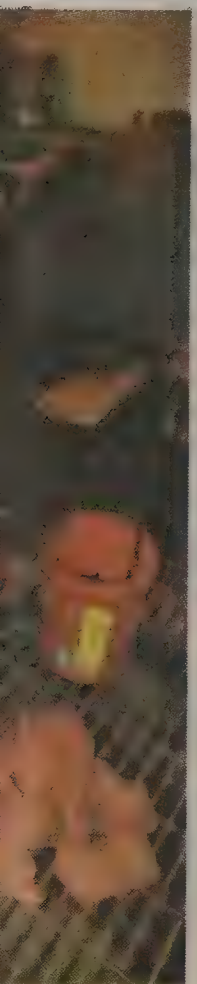
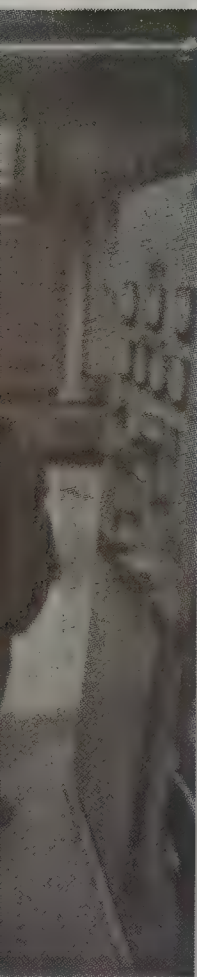
"If you go to turn your thermostat up and it doesn't heat up, you don't necessarily call here and say, 'Hey heating plant, can you turn our heat on?'" Boe said. "But we'll get a call every now and then from a professor saying, it's a hundred degrees in this building, can you guys shut this thing off? And we say, 'Well, the steam is in the line but something else is not allowing it to shut off.'"

Even so, Boe said the plant operators attempt to navigate the peak times for steam demand, which are, according to Boe, in the morning, lunchtime, when the cafeteria dishwashers start up, and in the evenings.

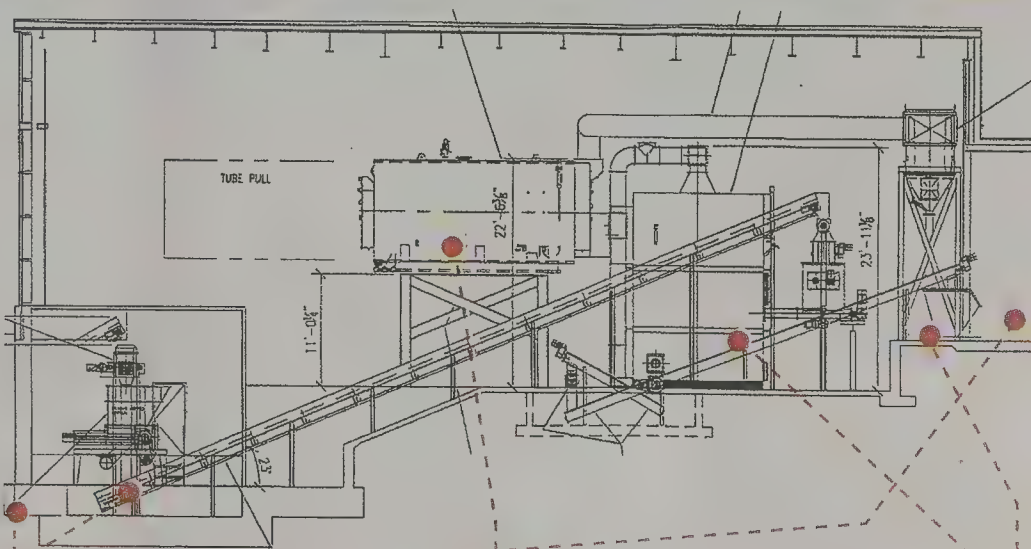
While it takes meticulous planning to configure, Boe said from an engineering perspective that he prefers working with the biomass plant than flipping a switch to turn on the oil-burning side of the plant.

"In addition to being expensive and bad for the environment and everything else, the oil boiler is relatively boring," he said.





THROUGH THE LOOKING GLASS WHAT'S GOING ON BEHIND THAT WINDOW...



1 CONTROL DESK:

Heating Plant Operators, while not at the desk 24/7, use it to monitor the inputs and outputs of the biomass plant and the oil boilers.

3 THE CONVEYOR BELT AND SORTER:

Wood chips have to be small enough to enter the gasifier, so after being brought up from the Bunker they pass through a sorting unit that either grinds chips up in a shredder or sends them onto the conveyor belt to continue onto the system.

SHUTDOWN REPAIRS:

The conveyor belt can often get clogged up, either with branches or sawdust. As a result, the belt also has sensors that detect if a blockage has occurred.

5 THE BOILER:

A round tube connects the gasifier to the boiler. Oxygen deficient gases are introduced with oxygen to bring them into a combustible range and when those gases are burning when they come into the boiler, it heats the water and makes steam. In the boiler, tubes of water run next to tubes of fiery hydrogen, carbon monoxide, oxygen and other gases.

SHUTDOWN REPAIRS:

The boiler was sprayed with power-washing hoses to get rid of any ash buildup on the inside of the machine.

2 THE BUNKER:

Truckloads of wood chips, upwards of 90 tons per day, are delivered daily to this pit that carries the wood chips into the plant with moving metal plates on the bottom. The bunker only holds a one-day supply.

SHUTDOWN CLEANUP:

Several facilities staffers were in the bottom of the pit after they let it run out of chips to do maintenance on the conveyor plates.

4 THE GASIFIER:

The conveyor belt takes the wood chips into the gasifier, which reduces the amount of oxygen available to the chips. The chips are then heated and while they do not catch fire, they emit a gas that can be captured and used to burn in the boiler.

SHUTDOWN REPAIRS:

A vacuum truck was hooked up to the gasifier to get rid of the buildup of ash in the machine.

6 MECHANICAL CYCLONE:

When the gases leave the boiler, the exhaust pipes carries them to a cyclone, which takes the heavy particulates out and into an ash system. From that, they go through an economizer, heating water, and then into a filtering device, which works like a bag on a vacuum cleaner. The fan pulls air through the filters, which takes out even smaller particulates.

BIOMASS BY THE NUMB3RS:

12,500
METRIC TONS OF
CO2 SAVED
ANNUALLY

1 MILLION
GALLONS OF NUMBER
6 FUEL OIL SAVED
ANNUALLY

99.7%
OF WHAT COMES OUT
OF THE PLANT'S
SMOKESTACK IS PURE
WATER VAPOR

90 TONS OF WOODCHIPS
DELIVERED DAILY



WOOD TRAVELS
MAXIMUM 75
MILES BEFORE
REACHING THE
PLANT

• **VERSES THE**
MINIMUM 3,554
MILES OIL MUST
TRAVEL TO REACH
CAMPUS

(PRE-BIOMASS PLANT WE
USED 2 MILLION GALLONS OF
NO. 6 FUEL OIL ANNUALLY)

iAMURICA!

By Joy Zhu

Movies seem to tell us that any form of connectedness seems possible when “all you need is love.” But somehow this kind of idealism doesn’t seem to exist in reality, like love at first sight.

Differences in culture create rifts between people. It’s harder to approach someone of another cultural context because he uses a completely different syntax of communication than that of your own culture, which confounds your reaction. I suppose this is why people of similar cultures tend to stick together – it takes less effort to communicate, when communication takes place not only on the literal level but also in the subtext. Common experiences and culture form the basis of understanding, where words do not simply “mean” but also carry intuitive meanings. The comfort lies in the similarity of perception as it is easier to empathize and be empathized with. There is a smaller risk of misunderstanding, which can often give rise to a sense of alienation and loneliness.

I guess in such a diverse community, we are always searching for a sense of synchronicity, as *Dictionary.com* defines it – the simultaneous occurrence of causally unrelated events and the belief that the simultaneity has meaning beyond mere coincidence.

There are different types of synchronicity. The poignant collision of metaphor and meaning gives rise to synchronicity. For instance, Ye Si parallels fusion cuisine to post-colonial culture. In Wong Kar-Wai’s *Chungking Mansion*, packaged food symbolizes a pessimistic view of romantic relationships, as every package has a due date.

There is a term for that in Daoist/Chinese culture that refers specifically to synchronicity between people – *yuanfen*. In this context, it is an energy that brings about unlikely but meaningful encounters. To be more specific, I guess it is the feeling that you get when you meet someone with whom you feel an inexplicable sense of connection. There is a saying, in China even, that it takes a hundred years for one to accumulate enough *yuanfen* for you to share the same boat with a person and a thousand years to share the same pillow with one. Differences therefore imbue encounters with much more significance.

I think there is a deep sense of synchronicity in Middlebury, as it brings together a weird combination of people of different interests and backgrounds. Middlebury is an even share of idealism and the commonplace – we have great academics and a somewhat intellectual atmosphere; but also students who become investment bankers, towering football players and partygoers. And unlike big universities, we cross paths everyday.

The sense of synchronicity is especially profound with international students at Middlebury. It is odd that we converge at Middlebury, as it is remote and unknown in the U.S. itself, not to mention internationally. From what I know, it is not prestige that attracts applications, but rather convenience (no essay required) and generous aid from UWCs (United World College). I think people come because they are chosen rather than because of a certain distinct reputation that draws them to the school; the randomness of this whole process generates interesting encounters.

The coalescence of different identities seems to cumulate a neutral and indefinable character, like our gray skies and buildings. There is a certain sense of opacity and absence of character that represses the urge to look for excitement, and yet it is the coldness that renders unexpected encounters even more out of the blue and coincidental. At Middlebury, we can see our drastic differences as factors that separate us, but also as a possibility for synchronicity – poetic coincidences – to take place.

TEDx: The Battle for Next Big Idea

By Charlotte Boghossian

Eight contestants had four minutes each to compete for the chance to be a speaker at TedxMiddlebury next month. After four minutes, an alarm rang, but most students talked through it.

The competition, held last Thursday on Oct. 10 at Crossroads Café, was the preliminary step towards the conference themed, “Research, Re-imagine, Rebuild.” Talks ran the gamut from “The Lord of the Rings” to hair removal in American culture.

A panel of three judges deliberated over the eight mini speeches, designed to be teasers of the talks that contestants hope to give at the event on Nov. 9. The final event will feature 12 speakers from across the country, one of whom is the winner of the student competition, yet to be announced.

The three judges, Director of The Project on Creativity and Innovation Liz Robinson, former governor of Vermont and Executive in Residence at Middlebury College Jim Douglas and Dean of Faculty Andi Lloyd are chosen as “an independent body from the organizers. They represent diverse points in Middlebury life,” board member Hudson Cavanaugh said.

“Last year we had Dean Collado, we had someone from the faculty of theater. We’ve even had a parent,” Cavanaugh said.

“The Project on Creativity and Innovation (PCI) helps us out with a lot of stuff, we get a lot of our money there. We honestly wouldn’t be able to do this without Liz Robinson,” said TedxMiddlebury board member Anna Jacobsen ’16.

With help from campus organizations like the PCI and the Middlebury College Activities Board (MCAB), a board of eight students organize TedxMiddlebury, meeting once a week to plan the 400-person event that will take place in Kevin P. Mahaney ’84 Center for the Arts in November.

Between now and Nov. 9, board members will be busy advertising, selling tickets, organizing housing and transportation for speakers, training volunteers and supporting their speakers.

According to Jacobsen, these board members choose speakers, “by word of mouth [and] by things we’ve read in the paper. We use the *Times* list of 100 most influential people and we try to use the Middlebury alumni network to bring people in.”

The board has not yet released their list of speakers for this year’s conference, though they have decided on a group.

The slot for the student speaker, in contrast, is filled through this competition format, in which contestants submitted a short application in order to participate and the board “essentially let everyone on. It’s not a highly selective application process, but it’s a self-selecting group,” said Jacobsen.

Competing for the slot, Alec MacMillen ’14 spoke about the biological differences between introverts and extroverts, and how these differences take shape in a college setting.

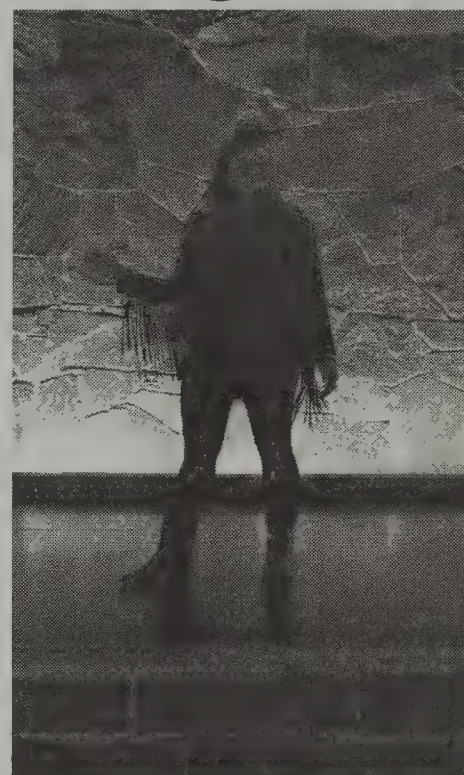
“The inspiration for my TEDx talk proposal was the book “Quiet” by Susan Cain,” he said. “Reading the book was an eye-opening experience because I felt like when she was describing introverts she was describing me.”

Several of the talks struck a similar chord of taking risks – Alia Khalil ’14 discussed the limiting nature of self-consciousness, and John Hawley ’14 used his experience on the rugby team to relay the importance of vulnerability – an appropriate theme in this setting of public speaking.

Anna Carroll ’15 in her talk, “Smooth: American Hair Removal and the Unconscious of Cultural Conditioning,” took a different approach to the discussion of risk taking by challenging our ideal of “hairlessness” for women in society. “Why are all these girls getting Brazilians?” she said, going on to express respect for those women who defy expectations.

But there was variety in the messages sent in the eight mini speeches. Ben Kramer ’14 used his four minutes gave an homage to J.R.R. Tolkien and the universe he created with “The Lord of the Rings.” Lizzie Durkin ’15 discussed a project she took on: creating picture textbooks about developing countries.

The broad range of topics covered on Thursday reflects similarly diverse preparation techniques among the competitors. MacMillen spent eight to ten hours preparing his speech while Kramer said, “I had no idea the lecture was that evening. I was in the middle of dinner and I got a text from my friend saying they were bummed I wasn’t going to speak because I missed my original time slot. I literally got up that instant and dashed down to Crossroads. I had



PAUL DENARD

Anna Carroll ’15 goes skin deep in her talk about unshaven women, her fringe jacket as accent.

absolutely nothing planned.”

As the main event approaches, Jacobsen has high hopes for this year.

“We sold out last year. But I think our speakers are even better this year ... one of our goals for this year is to facilitate even more discussion about our speakers and connect them more to the student body,” she said.

This goal fits well with the role for TEDx on a college campus envisioned by those involved.

“What makes TEDx so great in the context of college is that college is about intellectual pursuit and TEDx is really the embodiment of that, its ideas worth spreading” Jacobsen said.

“TEDx is supremely important because it indicates not only an intelligent community but one that’s open minded, one that’s willing to listen to its individuals. We all have a lot to learn and this helps us teach each other,” Kramer said.

New England Review Tops the Charts

By Emily Dalton

Most people on campus can tell you that the old yellow and green houses you pass on your way to the Snow Bowl are home to the Bread Loaf Writer’s Conference. But not as many people can tell you that across the street from Alexander Twilight Hall, in a converted pediatrician’s office stands the headquarters of the *New England Review*, one of the country’s top-ranked literary magazines.

Headed by Editor Stephen Donadio, Managing Editor Carolyn Kuebler, and Poetry Editor C. Dale Young, the literary magazine is sponsored by and strongly associated with the College. The magazine is a quarterly, and, as Donadio said, “an unpredictable magazine.”

D. E. Axinn Professor of English & Creative Writing poets Jay Parini, and Sydney Lea founded the *New England Review* in New Hampshire in 1978 with the vision of starting a magazine that was different from other literary magazines. And they have accomplished this goal; the *Review* contains work by both fresh new writers and older more established writers and features a variety of literary genres.

Parini, decided he wanted to start a literary magazine during his time teaching at Dartmouth College in Hanover, New Hampshire. When his friend and fellow poet, Lea, who was teaching at Dartmouth at the same time, had a similar plan, they decided to create one together.

At the time, numerous literary journals and magazines represented the literature of the Southern U.S., but few publications printed work by writers from the North.

“Emerson, Thoreau, Dickinson, Frost – all of these writers [are] from New England, but there was no review,” said Parini. It was the drive to fill this void that inspired the name of the magazine.

Parini described it as “an attempt to tie back to the core values of the American Renaissance,” and celebrate the New England roots of some of the most distinguished writers in history.

After collecting money, manuscripts and possible designs, Parini and Lea opened their first office near Hanover and began publishing. A few years later, in 1982, Parini and Lea both moved to

Middlebury to teach, bringing the magazine with them. For a brief time after the move, the publication’s name was changed to the *New England Review/Bread Loaf Quarterly*; however, it was soon changed back, dropping the phrase “Bread Loaf Quarterly,” so as not to discourage lesser-known writers by explicitly associating the publication with Bread Loaf School of English’s lofty status.

The vision of the two professors from Dartmouth became a reality, and the magazine flourished. As the magazine gained recognition, so did many of its writers. Louise Erdich and Mark Doty were published in the *Review* before achieving international success.

In 1994, Donadio, who was teaching at

the College at the time, took over as editor.

As Donadio sees it, the *New England Review* is “intended to present readers with a range of different kinds of writing and voices.” It primarily publishes fiction, nonfiction and poetry, but the content varies from translations to historical memoirs to literary critiques.

There is no set standard for what might be published, just the prerequisite that it be “something that startles you,” as Kuebler, a graduate of the College, put it.

Every year, the magazine receives around 6,000 submissions from writers across a wide spectrum of experience and recognition. The editors, along with a handful of readers, select pieces by writers of different tiers and publish them alongside each other.

It is a magazine that challenges the norms for literary magazines, and is thus regarded among the best in the country.

“They care about writing,” said Kuebler of the College and its relationship with the *Review*.

With one of the strongest undergraduate programs in creative writing in the U.S., “Middlebury is a place where literature is central and it’s celebrated,” Parini said.

The magazine remains a major facet of the College’s strength in literary studies and “reinforces, in dramatic ways, Middlebury’s presence in the literary world,” said Donadio.

Though seemingly under-recognized by the student body, the *Review* has maintained an important role in the College’s English and Arts programs and has contributed in myriad ways to the College’s literary prestige.

Meet Pat McConathy: The Trustee Who Told Big Oil to Take a Hike

By Julia John

Patrick McConathy is an entrepreneur of diverse interests and accomplishments. From Colorado, he joined the Middlebury College Board of Trustees in 2005. McConathy brings to the table a Western-U.S. perspective, enthusiasm for the institution, decades of experience and networks in the energy industry and a commitment to sustainability.

"I'm a kind of redneck affirmative action ... I love this school ... It doesn't matter whether they're twenty-five or seventy-five, alumni have done so many things with their lives, with the education they've gotten at Middlebury," McConathy said.

McConathy bridges the distance between Denver and Middlebury and keeps up with developments regarding the College by reading *The Middlebury Campus*. He takes advantage of board meetings and graduation ceremonies to improve his touch with the Middlebury community.

"I come early to get out and about ... and enjoy being around students - all students within reach ... The student has to feel comfortable to talk to you around," McConathy said.

By connecting with students, McConathy has come to believe that social life is their most pressing concern on campus.

"When I was on campus the first thing they bring up is social life. It's been a significant issue since 2000," McConathy said.

He recognizes the complexity created by different students' conflicting views about the prevalence and restriction of alcohol consumption at Middlebury.

"[Some] think [there is] too much

drinking," McConathy said. "Some think there's not enough access to alcohol ... the issues revolve around social seams. I've heard so much conversation about it and I don't have a solution. Ron and his staff has [have] worked a lot [on it but] it's an issue that won't go away."

McConathy notes that the greatest problem confronting the College administration is providing quality education at a reasonable cost. He suggests that Middlebury should follow the example of other institutions that make higher education more accessible by making tuition more affordable.

When asked to identify the most exciting strides the College is making into the future, McConathy expresses his hope that the College will increase social and economic diversity on campus.

"The college is doing a good job of that, but we can always do more. Ron's been very committed to that," McConathy said.

An environmentalist at heart, however, McConathy singled out Middlebury's progress toward sustainability.

"I know it's not as good as others want it to be," he said, "but we are cutting edge on the front."

After graduating from Louisiana State University in 1975 with a degree in political science, instead of going to law school, McConathy entered the oil industry through the recommendation of a relative. He explains that he was motivated by an appreciation for the business and the opportunity to make a profit.

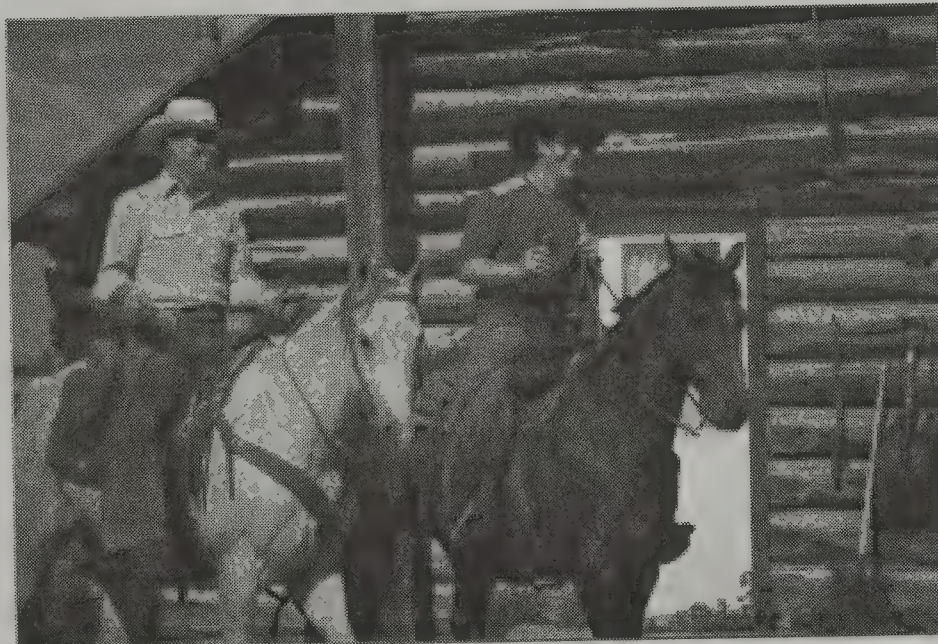
"It's a fascinating business," McConathy said. "If you guess right about where energy is, you can make some money. But you can also lose. It's a rollercoaster ride."

McConathy made both a profit and a reputation for himself in the thirty-one years he worked in oil. He started off drilling wells in Louisiana, Texas, Oklahoma, Arkansas, and Wyoming. In 1989, McConathy established Phoenix Oil and Gas and purchased productive oil and gas holdings in these regions. By 2005, the company and its partners had acquired and operated on a significant portion on and offshore properties in California.

In 2006, however, McConathy relinquished his investments in the oil sector and shifted his attention to natural gas, sustainable energy, and environmentally-friendly ranching. Last year, he founded Yarmony Energy, which operates natural gas, alternative energy, and mineral properties in Colorado, Louisiana and Texas. Specific projects he has supported include a year-long solar venture, a wind-powered cattle ranch, and geothermal energy for a big multinational corporation.

"My perspective on the earth has changed since the late 80s," McConathy said.

The transformation in his entre-



COURTESY OF PAT MCCONATHY

McConathy (left) with ranch manager Blaine Larson at his Lodge in McCoy, Col. He has put his money where his mouth is, investing heavily in alternative energy.

preneurial focus embodies personal environmental sympathies that began to develop over two decades ago, when he served on a Louisiana commission that made him aware of the environmental consequences of the energy business in the state.

McConathy cites multiple reasons for his switch to cleaner investments.

"My older son, who came out of Middlebury as a fire-breathing dragon, wanted me to divest, and I wanted to move toward natural gas," McConathy said. "I had a lot of access to climate research; that had some impact as well. I also thought it was a good thing to do economically."

I'd been thinking about it for a while and thought it was the right thing to do."

According to McConathy, divestment at Middlebury is a far trickier objective that can only be attained over a period of time.

"The human race is destroying the planet," McConathy said. "It's not all about money. But it's very complicated by the fact that the board has a lot of responsibilities in other areas. It won't take place overnight, but the board is aware of it and it's a possibility."

Despite the inertia regarding divestment, McConathy points out we are head and shoulders above other people in the way we address climate change and energy.

"We should be proud of that," he said.

McConathy has suffered some losses

in his new area of investment. He notes that alternative energy will not become viable on a large scale until it produces economic returns higher than conventional sources.

"Alternative energy needs to be able to compete economically for it to get good traction," McConathy said.

McConathy has not put as much money behind green energy as he did behind oil, but hopes to do so in the future.

"I don't have the funds I used to five years ago," he said. "I would if I had the money. I'm no fan of the major oil companies. I can see it happening in the next fifteen years."

The Yarmony enterprise also includes Yarmony Creek Sport Horses, which runs local cattle ranching, horse breeding, and hay operations in Colorado. McConathy mitigates the environmental impact of his ranches by following the advice of

credible ranching consultants and implementing sustainable practices such as cell grazing.

"Every rancher should be an environmentalist," McConathy said. "It's in his best interest to take care of the land because that's all he's got ... it's in the best interest of livestock, land, and everyone around you."

McConathy even addressed the human dimensions of environmental problems as the producer of *Climate Refugees*, which was the only film screened at the 2009 United Nations Climate Change Conference, and was shown on campus in 2010.

"You can't see what's happening to people and not be concerned," he said.



COURTESY OF HALFTIME.ORG

McConathy and his wife on their Col. Ranch.

OVERHEARD
@MIDD

"I'm not trying to go to the Mods and dance around a light post."

"You could fill a bathtub with all that giardia."

"I've heard peanut butter and butter is a pretty good combo."

"I hate graphic novels. It's like, write a book, dude! Stop drawing all these tiny pictures!"

"She went over there wearing a sheer white shirt and a lacey black bra."

"Ok seriously, that's a fine thing to do in France."

"Are you cheating on her, dude?"

"Yeah, I should really stop."

"How do his pants not fall off? If my pants were like that, they'd for sure fall off."

Keeping the College Warm, and the Planet Cool



By Joe Flaherty

Instead of the steady hum of steam and woodchips moving through pipes, on Monday, Oct. 14, the biomass plant

was a hive of activity.

Power-washers sprayed water onto the machinery, large vacuum tubes crisscrossed the plant, and staffers clad in white protective suits and masks cleaned the gasifier and boiler from a buildup of ash that has occurred over an unprecedented 16 continuous weeks of operation. Heating Plant Operator Myron Selleck was there to see it all, just as he has been for every clean up since the plant's inception.

"I've worked at the biomass plant since it opened and I've been at the College for 14 years," he said. "It's pretty neat that you guys get to come in here during a maintenance shutdown. It's one of those things that usually is not glamorous so very few people see it."

The focus of the heating plant operators' cleanup efforts was also the main component of the biomass gasification process.

"Inside of this big red box is where we actually gasify the wood chips," said Selleck of the large structure. "So all of this stuff gets filled up with ash and crud. They're hydroblasting it with water and big vacuum hoses and people are going in to do some inspections."

Selleck walked over to the gasifier and points out a pile of what look like football-sized pieces of charcoal.

"Unfortunately, there's a few chunks," he said. "What that primarily is is the dirt or any mineral that might be in the wood. Trees come out of the woods so they may have some nails or fencing."

The size of the charcoal pieces notwithstanding, Selleck says he is not worried.

"Out of 8000 tons of wood, that's the only bad stuff," said Selleck. "The rest of it gets taken out with the vacuum truck."

Despite the apparent scale of the cleanup efforts, Selleck said it should not be surprising given the amount of woodchips they are working with.

"In the last 16 weeks we gasified 8000 tons of woodchips to make steam. Because of the magnitude of the system it takes a little more cleaning than just a bucket and a shovel," said Selleck.

Making sure that the smokestack above the biomass plant is emitting nothing but water vapor is another goal of the cleanup process.

"The economizer takes all the exhaust gases coming off the boiler and passes through these bins that takes heat out of the exhaust gases and heats up the boiler water," said Selleck. "They're cleaning out the economizer with a high-pressure washer and they can

run up to six to ten thousand pounds of pressure with their water gun."

The staffers in the plant are all wearing white protective suits and masks to work with and spray down ash-covered equipment.

"There's water and there's ash, so it's pretty corrosive," Selleck said. "If it gets on your skin it probably won't kill you, but it could irritate it."

A huge tarp had been hung off the edge of the boiler to contain some of the mixture of ash and water that had pooled on the floor in places.

"Before we tried the tarp, the water was everywhere," Selleck laughed. "Water and the tubes that bring it take the ash and fling it everywhere. We've learned over time that the more we can harness that, the less mess we have to clean up."

Selleck said the plant also has effects beyond the glass façade of the facility.

"Because of our fans, we're sucking air from wherever we can, and I think we suck every leaf in Addison County up to our doors," he said. "So inside and outside we're sweeping up."

To get up close to the boiler, Selleck pushes aside some caution tape. "Throwing caution to the wind," he joked. Up at the boiler, the cylinder had been opened up to show the innards of the boiler, and peering inside is like looking into a cave.

Selleck is proud of the work he has done for the biomass plant, and for good reason. He walked around to the oil-burning side of the plant to show what fuels the College when the biomass plant is not running — a pail brimming with thick, black oil.

"They call it Number 6 residual, so it's not very refined," said Selleck. "When we burn this, we need to use either compressed air or steam to atomize it and break the droplets up small enough so you can even burn the darn stuff. If you dropped a match in there, it would just go out."

"It'll be really nice to get rid of that," Selleck added.

The job of a plant operator like Selleck requires great vigilance. Pouring over a lengthy checklist, Selleck explains that the biomass plant's activity has to be monitored almost constantly.

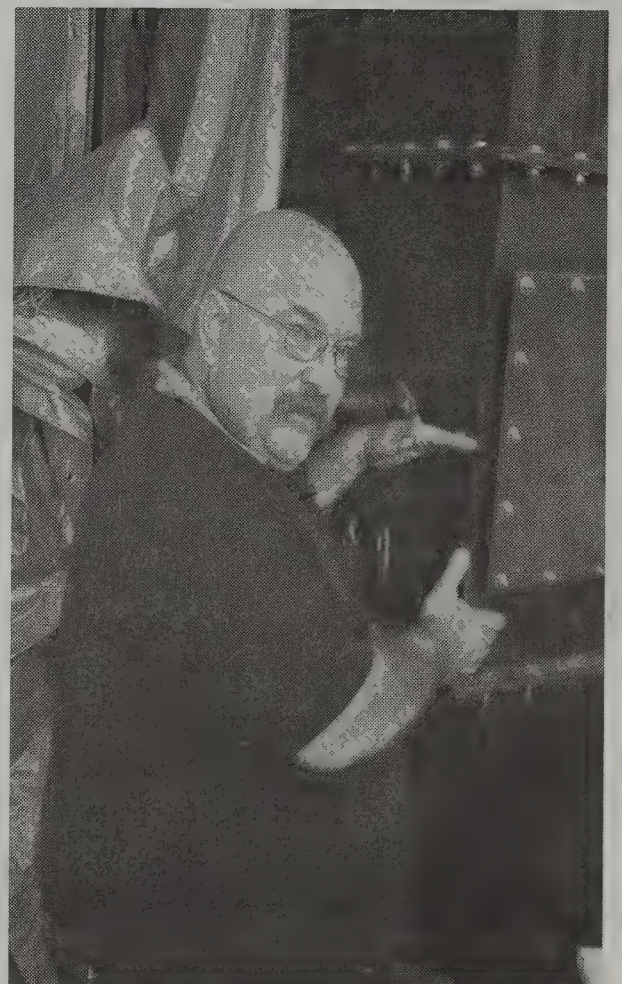
"We're watching how much oil we've burned for the day, we're watching our temperatures," he said. "We watch what our kilowatt meter is registering."

Even while Selleck is speaking, another heating plant operator motions to him to take a look at a printout of some unusual readings for the plant. Scanning the data, Selleck explained that the plant had been using much more water than usual, to the tune of 10,000 more gallons than normal.

"We'll look at today's usage tomorrow morning, and if it's high, we'll go to the HVAC shop and say, can you guys go out on campus and look for a condensate pump that's not working? We're not getting that condensate back," Selleck said.

Selleck's verdict on the 16-week-run was unequivocal.

"It's been spectacular. Certainly we want to try to do



ANDREW CATOMERIS

Heating Plant Operator Myron Selleck has kept the College running in good times and bad for over a decade.

that again," he said.

As for whether they will try to push the limit again, Selleck demures.

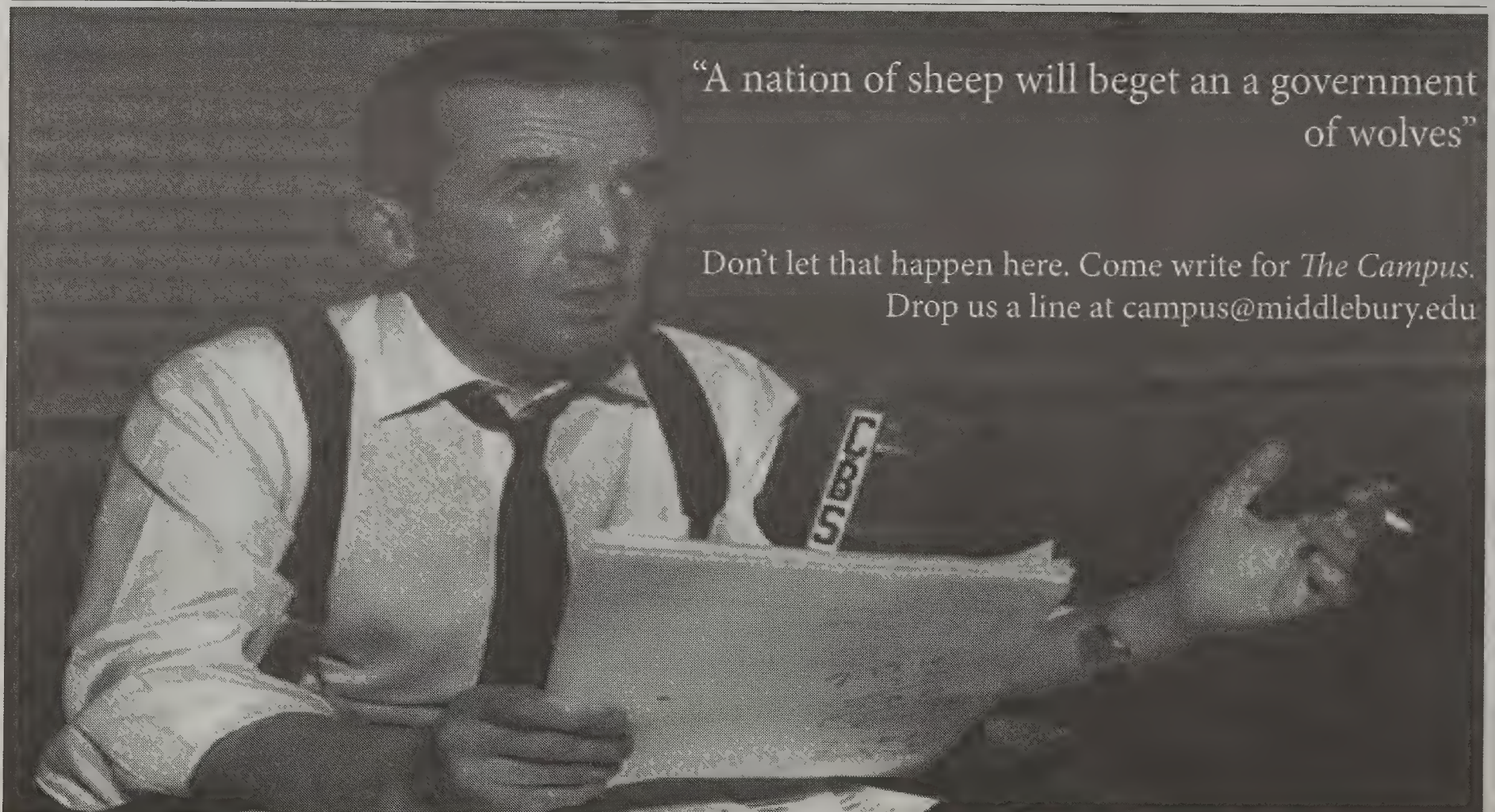
"We'll see," he said.

Until then, Selleck said the biomass plant will continue to run without stopping for an astonishing amount of time, with little leeway given for its source of fuel.

"Our bunker is only a one-day supply," he said. "We're talking about not shutting down again until February, so Christmas Eve, New Year's Day, we are still going to have three truckloads of chips come in. A truckload of chips lasts 8 to ten hours. We only have a 24-hour cushion in that bunker. It doesn't stop. There's someone here 24/7, 365 days a year. We never shut down — even if the trucks stop coming because of a big storm or something."

Ultimately, the work that Selleck and his colleagues did on Monday and for the rest of the week will make their next run a success as well.

"We're hoping that by being vigilant custodians and making sure we have a good clean system when we're done this week, that we'll get another 16 week run," he said.



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ARTS & SCIENCES

The Middlebury Campus

First-Year Show Asks How to Grow Up



Oliver Wijayapala (left) and Wenhao Yu (right) embody two young men criticizing drivers who ignore the road rules while questioning the rules they must follow in their own lives. ANNIE ULRICH

By Leah Sarbib

What does it mean to be an adult? At what age do you turn old? How are we supposed to deal with the passage of time? Twenty-three Middlebury first-year and sophomores spent the weekend exploring these questions in this year's first-year show, "Life Under 30."

This weekend's performance marked the eighteenth annual first-year show. The show was designed to introduce new students to theater at the College; first-years do not have the opportunity to act in a faculty show their first semester because auditions for fall faculty shows are held the preceding spring. The first-year show creates a unique opportunity to put on a play with mostly freshmen actors — a perfect cast for a show about growing up.

The show consisted of seven 10-minute plays that explored the meaning of adulthood. The plots ranged from a young woman struggling with a job application that asked her about her "favorite childhood memory," to a girl dealing with her changing identity after being raped, to two grocery store employees cleaning up the mess made when an old man fell in the aisle and cracked his skull. The cast was talented — highlights included the still intensity in Caitlyn Meagher's '17 performance of "Dancing With a Devil," the banter between Oliver Wijayapala '17 and Wenhao Yu '17 in "Drive Angry," and the communicative energy of the cast. One of the most memorable parts of the show was the ensemble work.

As the audience filtered in, the cast

sat on the stage, talking over music reminiscent for millennials of early teenage years. The play began when a cast member entered slowly, carrying a sign that read "an adult." She handed it off to another seated cast-mate and a game of hot potato began as each actor tried to foist the sign off onto someone else. Panic ensued and the cast scattered, going off-stage and coming back with other written questions about adulthood, such as "Have you ever been in love?" and "What do you want to do with your life?" The director, Visiting Lecturer in Theatre Lisa Velten-Smith, said that the creation of this opening sequence was "last-minute," but it didn't feel that way. The energy of the cast and the use of written rather than spoken language set a powerful tone for the rest of the show.

The questions from the opening sequence were raised periodically throughout the show in video clips of interviews played during scene transitions. Velten-Smith explained that each cast member had gone out and interviewed someone about adulthood using questions the cast had discussed. One question was "What age do you turn old?" to which the interviewee in the video clip responded,

"When you feel old?" and then, uncertainly, "25?"

"I think the theme of the show is so apt for us as college students figuring out who we are and what we want to do with our life," said cast member Aashna Aggarwal '16. "I also think that in today's age, we as young adults have experienced a lot we weren't exactly prepared for and the show highlights how we're in the same boat. I definitely relate to it and I think the audience can too; whether it's with just one play or all of them."

"... in today's age we as young adults have experienced a lot we weren't exactly prepared for and the show highlights that, how we're in the same boat."

-AASHNA AGGARWAL '16

"Who specifically in the audience will this speak to?"

"I am excited about this play because I feel that everyone is searching for their place in the world," said Velten-Smith. "Where do I fit in? And that's why you're at college, you're there to discover and reveal."

Beyond its immediate relatability, "Life Under 30" touched on some important social issues. One of the plays, "Drive

Angry," was about a boy who had gotten cancer from a polluted environment. The video clip that came before this play featured a girl who was asked "What scares you about the future?" She replied, "It scares me that I might fail at saving the environment."

"One of the strengths of theater is the fact that it raises social consciousness," said Velten-Smith, "and one of the great things about this particular scene — 'Drive Angry' — is that that message is not delivered in a heavy-handed way. So it's two-fold: you get an entertainment value out of it while also a really important message is being delivered. Theater is for social change, not just for pure entertainment, not just for yourself. Theater has existed for thousands of years for a reason."

"Life Under 30" exemplifies a piece of theater that touches on issues close to the hearts of many different people.

"Every scene for me had something that spoke to someone in the audience," said Velten-Smith. "For example, the guys in 'Forty Minute Finish' contemplating their own existence. Anyone in the audience could be going through an illness or a death. They could really benefit from looking at it through a different perspective. Or the girls in 'Dancing With a Devil.' It's a very intense journey that the character goes through and she needs to go through it to make the discovery that she does at the end. There could be that girl out there in the audience that needs that hope in the end."

DON'T MISS THIS

Stuck in the Middle Fall Tour

Stuck in the Middle (SIM), our very own all-male a capella group, is starting its fall tour on Friday with a concert in Williston, VT. If you are around the Burlington area, come and support SIM in their first full concert of the year:

10/18, 8 P.M., OLD BRICK CHURCH, WILLISTON, VT

Cascando

A workshop exploration of Samuel Beckett's "Cascando", a rarely produced short radio play originally subtitled "a radiophonic invention for music and voice." An important 20th century work, "Cascando" investigates the nature of creativity as well as its pleasures and agonies.

10/27, 4 P.M., MCA DANCE THEATRE

Compas de Nicaragua Folklore Dance Tour

Compas (Friends) de Nicaragua supports sustainable community development projects. This fall, the fourth Nicaragua Folklore Dance Tour will bring five adolescent dancers to New England to perform traditional dances and educate audiences about Nicaraguan culture and sustainable community development work.

10/24, 9:30-10:45 A.M., MCA DANCE THEATRE

THE REEL CRITIC

By Ben Anderson

"How can you possibly tell a movie-length story about Sandra Bullock floating in space?"

That was the response I most commonly heard after showing someone the trailer for "Gravity." And the short answer to that question turned out to be, "you can't." The long story, however, is "it doesn't matter."

The thing about Gravity is it is not supposed to be a plot-driven story. The film follows Dr. Ryan Stone (Bullock) and Matt Kowalski (George Clooney), two astronauts servicing the Hubble Telescope as they fight to survive after space debris from a defunct Russian satellite force them to abort their mission and cut off all communication with Mission Control. Above all, "Gravity" is all about the beauty of the image on the screen, the technology behind that image and the human emotion that drives the story.

The last time director Alfonso Cuarón and cinematographer Emmanuel Lubezki teamed up, they gave us "Children of Men," a beautifully shot story about a future in which all women on Earth have become infertile and the resulting fall of humankind. With such a well-received and gorgeous film in their repertoire, and with a teaser trailer filled with more high-tension action than most summer blockbusters, Cuarón and Lubezki promised to deliver quite a spectacle with Gravity. These expectations were more than exceeded.

GRAVITY

Visually, this film is in a league of its own. The film opens with a shot of three astronauts working on the Hubble Telescope. In front of the verdant and blue backdrop of the Earth miles below, Stone works diligently to repair the telescope while Kowalski jetpacks around her through space, telling stories of partying at Mardi Gras and commenting on the beauty and silence of space far above Earth's surface. As the scene progresses, the camera spins around the crew, artfully capturing the idea that in space, there is no real sense of up or down. What is even more breathtaking about this opening scene is it is all done in a single shot. For nearly 20 minutes, the camera follows these characters without cutting away and it is not until all hell has broken loose that Cuarón finally cuts away. The final image of this first scene leaves us watching Bullock drift out into space.

Like many science-fiction films, "Gravity" is far from scientifically sound, but I did appreciate what Cuarón did with sound. In the vacuum of space, there is no air pressure to carry sound waves so everything is silent, from the sound of ships to collisions and explosions — a fact that films like Star Wars often overlook.

"Gravity," however, embraced this fact and used sound to push the beauty of the film. Even as the satellite debris tears the ship apart, the only sounds heard are the panicked voices of Stone and Kowalski communicating through their spacesuits. At one point in the film, Stone is trapped in a torrent of water and each time the camera dips below the surface of the water, the sounds of her struggling are muffled as though the audience, too, is trapped under water.

This is not all to say that the film is without its problems. As I said at the start of this review, the story aspect of the plot does not get much deeper than "how many more terrible things going wrong can Sandra Bullock survive?" There is an interesting human element to the plot. Cuarón explores some fascinating themes about how humans respond to fear and isolation. However, if you go see "Gravity" for a well-developed story, you will be disappointed.

Also, while Bullock delivered a fantastic performance, any quality in Clooney's performance was overshadowed by the grating personality of his character. Thankfully, the focus of the film is on Bullock.

While I do think the "Oscar-sweeping" hype around this film since its release is a little premature and quite overblown, I wholeheartedly recommend seeing it. The film is breathtakingly gorgeous — perhaps the most beautifully shot movie I've seen in years. My only regret is that there isn't an IMAX screen in Vermont and I wasn't able to see this film as large as it was intended.

'Cocoon' to Reach Wider Audience

By Hannah Ostrow

Student organizers of the Middlebury MothUP have partnered with the Kevin P. Mahaney '84 Center for the Arts to produce a high-caliber, curated storytelling event geared towards the larger College community. "Cocoon: Stories of Metamorphosis" will take place at the MCA Concert Hall on Friday, Oct. 25 at 8 p.m.

Inspired by acclaimed nationwide storytelling organization The Moth, "Cocoon" will feature six storytellers — two students, one alumna, one professor, and two Addison County community members — as well as Luke Greenway '14.5 as emcee and MCA Technical Director and guitarist Mark Christensen with musical interludes.

Greenway has been working to put together the event along with his two MothUP co-organizers, Rachel Liddell '15 and Veronica Rodriguez '16.5, in cooperation with the Center for the Arts, the Committee on the Arts and the College Communications Office.

"It's something that has been a long time in the making," Greenway said, adding that it was MCA Director Liza Sacheli who initially approached him last spring about the possibility of collaboration.

"One of our goals at the Mahaney Center for the Arts is to establish a literary arts component to our programming," Sacheli said. "The [MothUP] seemed like a perfect opportunity to bridge the areas of writing and performance — so it was a good fit for us."

For the MothUP organizers, too, a partnership with the MCA was a natural next step for the student group, which has hosting storytelling events in the Gamut Room and Gamphitheatre since 2010. From the outset, founder Bianca Giaever '12.5 intended for the MothUP to be a way to bridge the gap between the College and the town — storytelling as a community-builder, an idea echoed from current MothUP leadership as well.

These days, the MothUP regularly attracts crowds that far exceed the Gamut Room's capacity. While the Moth-inspired format — all stories must be true and told without notes — lends itself to casual, intimate spaces like the Gamut Room, Greenway, Liddell and Rodriguez see "Cocoon" as an opportunity to build on what the MothUP has been and to grow the organization in new ways.

"People at the MothUP tell stories about losing their virginity, or they swear, or they talk about drugs — and obviously, this changes that," Liddell said. "But I like the idea of opening up that community."

"Cocoon," Liddell said, will exhibit a more highly polished, professional product than the Middlebury MothUP traditionally offers, marking an important transition in the story of the organization.

"Stories have an incredible power to bring people together that I've witnessed

again and again at the MothUP," Greenway said. "I can't wait to bring that to a wider audience with this event."

In addition to the higher-capacity and higher-quality performance space, "Cocoon" will also feature a more diverse group of storytellers that were hand-selected and groomed for the occasion. Mariam Khan '16 and Emily Bogin '16 will be the only student storytellers, alongside English and Environmental Studies professor Dan Brayton, recent alum Emily Jacke '12.5, Town Hall Theater and Opera Company of Middlebury Director Doug Anderson and Vermont Public Radio producer Ric Cengeri.

"I am hoping to say something that other students will connect with but might not have considered themselves, or something they might have thought about but perhaps not voiced," Bogin said.

"I have always admired [the MothUP's] presence on campus and programming they have had in the past," Kahn said. "In my story, I hope to express my personal experiences with 'metamorphosis' and speak about

some of the lesser known aspects of my identity."

Khan will be recounting stories from her experiences as a Muslim woman growing up in Maine and as a professional touring DJ.

Each of the storytellers has been working with Liddell, Greenway and Rodriguez in an effort to make their narratives more pointed and their performances more fluid, working towards an official Moth-caliber story as a goal. The evening itself will also be more refined, thanks in large part to a grant from Middlebury's Committee on the Arts, which went towards funding production costs, publicity efforts, and a post-show reception for storytellers and audience members.

Tickets are on sale now through the Box Office at \$5 for Middlebury students, \$8 for Middlebury faculty, staff, alumni, and parents, and \$10 for the general public. 70 percent of the proceeds from ticket sales will go to the MothUP organization, which is not an official student group and thus does not receive funding from the College.

Stories of Metamorphosis

Friday, October 25, 2013
8:00 p.m.

Mahaney Center for the Arts
Concert Hall

COCOON

Inspired by The Moth

Tickets: \$10/\$5
go.middlebury.edu/boxoffice or 802.443.MIDD (6433)

Brought to you by the creators of the Middlebury MothUP, the Mahaney Center for the Arts, and the Committee on the Arts
go.middlebury.edu/arts



Professor of English and American Literature Dan Brayton tells a story at the Moth for new Febs at the Gamut Amphitheater.

LUKE GREENWAY

Set Design Balances Aesthetics and Environment

By Emma Eastwood-Paticchio

If you walk onto the stage in Wright Theater between now and late November, you will see black and gray floor panels attached in a grid-like pattern to form the foundation for the upcoming production of "Pentecost." What you may not realize is that the exact same flooring travelled to Atlantic Stage in New York City twice and adorned Seeler Studio Theater the spring before that, recycled for a total of seven productions in three years.

Behind the flooring rest shelves full of used materials like these panels, ready to be resized and remade into the next scenic creation. These resources come from even more expansive storage barns packed with saved set pieces from as long as 13 years ago.

The practice of the set designers and technical directors in the Department of Theatre is to reuse and recycle during every step of the production process. Professor of Theatre Mark Evancho, who is designing the demanding set for "Pentecost," explained that due to budget limitations and the College's remote location, recycling begins as early as in the conceptual stage.

"I am always looking in the trash, in the environment," said Evancho. "I'll go down to the recycling center, see something and think, 'Hey I can use that.' And I'll grab it."

"That's the nature of theater," he added. "You start realizing what you can do with [the materials]. You remake them."

During the construction process, the opportunity to make environmentally conscious decisions heightens. Associate Technical Director Jim Dougherty explained that taking advantage of these opportunities serves a large role financially as well as environmentally, citing the dual benefit of mulching all plain wood under

a foot long.

Other practices the department follows that fall into this category include using wood chipped off of younger trees instead of cut from taken-down trees, using digital projections to cut back on actual set pieces and lining the floor with Celotex, a fiberboard used to deaden sound that is highly decomposable and made partly from recycled sources, such as recycled waste glass and aluminum.

Celotex is one of the three primary fiberboard products that the department uses, along with Homasote, which uses recycled consumer paper to make a board that is both recycled and recyclable, and Masonite, which serves as a green alternative to plywood. These materials serve as efficient replacements for plywood and other less decomposable options when possible so that the sturdier materials can be preserved and used for a longer period of time.

Despite the practice of reusing, the department will not keep using materials if they are discovered to be harmful.

This was true for the dry pigment paint they used ten years ago, which they boxed up when it was shown to be carcinogenic. They now use water-based paint for almost all of the their projects. The only oil-based paint used in productions is spray paint, which has not been replaced because its visual effect cannot be created using a water-based option.

While the production team recycles and uses a range of environmentally friendly materials, they recognize that

there are restrictions that do not allow them to take advantage of every green option. PVC lumber, for example, is made to last longer and therefore waste less wood, but it is too expensive to be practical for the College. Foam, on the other hand, is not green, but it is light and easy to carve, so it is a valuable resource that the team cannot afford to replace.

Evancho explained that the Theatre Department looked into replacing the lights in Wright Theater with light emitting diode (LED) lights but found that this idea would have jeopardized the aesthetic success of the lighting because the light quality of LED bulbs is "harsh" and the lights vibrate if they are dimmed.

"LED isn't at a point technologically as an art form for us to take advantage of it," added Dougherty.

Evancho also noted that the actual set construction is separate from the concep-

tual design knowledge students are exposed to in Scenic Design I (THEA0111).

"We very rarely talk about the materials," he said. "We talk about the thinking that goes behind them."

Evancho added that a basic understanding of the materials available and their advantages and disadvantages would benefit students as they progress in the department and tackle productions of their own.

"It would be a great thing if students became aware of what they are using," he said.

Emily Sarich '16, who took THEA0111 last fall and is currently stage managing

the upcoming student production of *Cock*, agreed that a knowledge of the materials behind the idea would help her have a more complete understanding of set design.

"We focused more on the conceptual aspects of scenic design than the practical aspects," said Sarich. "I think it's important to learn about the materials we would use because knowing what you can make things out of really affects what you can make. It affects the aesthetics."

"Figuring out the materials that we can and should use both to save money and be environmentally friendly is definitely an important part of that," she added.

Both Evancho and Dougherty stressed that, while they try to stay conscious of the environment when considering supplies, the aesthetic value is their primary concern.

"We're trying to get ourselves into the green world," said Evancho. "But it always becomes going green versus doing what we need to do to enhance the play."

"Sometimes it works out, but sometimes we have to choose the aesthetics," added Dougherty.

The primary role of the setting and the lighting in a theater production is to provide a visual depiction of the world of the play, and sometimes this image does not lend itself to the greenest design option. However, through the increase in digital technology, the budget constraints and the ideology to create through reconstruction, theater design at the College lends itself in a grand sense to an environmentally friendly product.

"If you had the million dollar budget, you would lean on it," said Evancho. "By not having all that money, you use the mind and creativity to make it work. And that's inherently green."

"By not having all that money, you use the mind and creativity to make it work. And that's inherently green."

MARK EVANCHO
PROFESSOR OF THEATRE

ONE LIFE LEFT

BY CHAPIN BOYER

I inch forward along the dungeon floor, my spear clutched tightly in my hands. Brilliantly colored foliage on either side of me, I occasionally pause to jot a note down on the crude map I have with me. I hear a rustling in the underbrush. There are monsters about. The rustling grows louder, I hear a growl, one of my companions screams. A sick guitar lick strikes up and I prepare for battle.

Etrian Odyssey: Untold: The Millennium Girl (EOU) for the 3DS is the latest in the long running and well regarded dungeon crawl series produced by Atlus. *EOU* is a remake of the original *Etrian Odyssey*, but adds a slew of new mechanics and story details to go along with its updated graphics and music. Known for being both difficult and time consuming, *Etrian Odyssey* games are not for those who find themselves strapped for time. At first glance, the gameplay seems like fairly traditional JRPG fare. Dungeons are traversed in a first person perspective, enemies are randomly encountered, and then your party and theirs take turns bashing each other over the head. In between forays into the dungeon you return to town to pick up quests at the local bar, sell the loot you've acquired and rest at a comfortable inn.

What sets *Etrian Odyssey* apart are a handful of unique mechanics combined

with a difficulty level that requires some serious strategizing. When preparing for battle you will form a party of five characters. You can assign skills to these characters to allow them to play very different roles, and making sure that your party is properly equipped with both standard gear and Grimoire Stones is critical. An improperly prepared party will find themselves overwhelmed by the various brightly colored

monsters that await them in the dungeons below. While questing through the dungeons you will be able to draw your own maps of them on a grid on the bottom screen. Filling out a complete map of a floor will allow you to navigate and complete quests more easily, which is absolutely critical as wandering around blindly is a good way to get yourself killed.

Unlike previous entries in the series, *EOU* allows you to choose between two modes of play. Classic Mode allows the player to create a full party of characters from the get go. The party can be customized by name, appearance, and character class, which allows the player to create some interesting class combinations. While these created characters can be fun, they

won't have as much of an influence on the game's story, as they all act as pretty much silent protagonists. Story Mode follows the adventures of the Highlander as he explores the forest around the base of the World Tree, Yggdrasil. Joining him are four pre-created companions. This party is made up of fairly standard classes, but each of the characters possesses some unique skills and abilities that make building them up

as a party significantly more interesting.

I found myself enjoying Story Mode

much more than Classic. While I have enjoyed previous entries in the series, the addition of characters who actually talk and interact with the world on a narrative level is a welcome one indeed. The narrative is surprisingly strong for a game so focused on dungeon crawling and boss killing. *Etrian Odyssey* games have always had interesting fiction to go along with them, and seeing one of their stories with a party who can actually talk back to the characters they are interacting with is refreshing. If the *Etrian Odyssey* games ever felt like they were missing anything it was a cast of speaking characters, and these fit the bill nicely. They all fall into fairly standard anime or JRPG

tropes, but with a bit of an *Etrian Odyssey* flair.

The feel of the *Etrian Odyssey* games might be what draws me to them the most. The art is brightly colored and sleek, combining the 2D character portraits nicely with well rendered 3D backgrounds and enemies. Because the combat takes place in first person, the enemy design has to shine to make combat appear dynamic and interesting. That, and the music is excellent. The aforementioned guitar licks that play during battle give way to smooth jazz saxophone when the party returns to the bar in town, and all the music is good enough to listen to on its own.

The *Etrian Odyssey* games have always been fabulous examples of the dungeon crawl genre. Tough but fair, beautiful to look at and to hear, *EOU* is no exception. The satisfaction of clearing a floor and slaying one of the game's giant bosses makes the slow trek through the previous floors seem all the more worthwhile. Playing an *Etrian Odyssey* game can be hard work. You have to be able to juggle numerous statistics, strategies, and inventories, and the actual progression through the game can take quite a while if you are not fighting at peak efficiency. Being an adventurer is not an easy job, but it is an immensely satisfying one.

COCOON: STORIES OF METAMORPHOSIS

FRIDAY

10/25

\$5 FOR STUDENTS

BENJAMIN GROSVENOR

TUESDAY

10/29

\$6 FOR STUDENTS

VINEGAR TOM

THURSDAY-SATURDAY

10/31-11/2

\$6 FOR STUDENTS

go/obo

Defense Lifts Football Team Past Ephs

By Damon Hatheway

First-year running back Joey Zerkowicz '17 scored from eight yards out with 4:03 remaining to give Middlebury a seven-point lead and the Panthers rode the play of their defense to a 21-14 victory over Williams. Zerkowicz finished with two touchdowns — one on the ground and one through the air — and 135 yards of total offense, earning him NESCAC Offensive Player of the Week honors for the first time in his career. On the defensive side of the ball, Will Bain '14 also earned Defensive Player of Week distinctions for the first time, as the junior cornerback totaled 16 tackles, including at least one on each of the Ephs' first eight drives.

"Our coaches game-planned well and put our defense in the best position to make plays knowing that Williams was going to look to test the perimeter of our defense," Bain said.

"Sometimes you take it for granted when corners are making a lot of tackles, but when they're not making those tackles they're usually going for big plays," said head coach Bob Ritter.

The Panthers continued their streak of strong starts, scoring points on their opening drive for the fourth time in as many games as McCallum Foote '14 found wide receiver Trevor Wheeler '15 down the seam for a 25-yard score on third-and-three from the Ephs' 25-yard line. It was Wheeler's second catch of the drive, as the oft-injured, but explosive junior converted a crucial third-and-15 from the Middlebury 26-yard line on a similar play, hauling in a Foote fastball over the middle for a 28-yard completion. Foote, who was erratic with his arm again, made two crucial plays with his legs on the opening drive, scrambling on third-and-six from the Williams 36-yard line for a pick up of five yards. Then, on fourth-and-one, Foote escaped from the pocket again, and scampered out of a tackle to the sideline for another five-yard gain and a Middlebury first down. Three plays later Foote hit Wheeler for the first touchdown reception of the junior's career.

"Wheeler gives us a weapon that we don't have," Ritter said. "He's very fast, very athletic and on the third-and-15, made a great play on the linebacker to get free and get back into the route. So he can really stretch the field for us."

Behind junior quarterback Adam Marske, the Ephs took their first drive of the game 60 yards on 12 plays before stalling at the Middlebury 20-yard line. First-team All-NESCAC kicker Joe Mallock, who nailed a 46-yard field goal the week before, could not cash in, pushing the 37-yard attempt wide right.

Neither offense was productive for the remainder of the quarter, combining to

gain just 29 yards on the subsequent four possessions, including three straight three-and-outs.

Following the touchdown drive, the highlight of the first half for Middlebury was specialist Mike Dola '15's booming, 76-yard punt that was nearly downed inside the 10-yard line, but rolled into the end zone for a touchback and a still-incredible 56-yard net.

Williams regained its form first, as Marske, who had been benched for the previous two games due to his poor performance, strung together the Ephs' first scoring drive. The senior quarterback converted a crucial third-and-six with a 21-yard strike to his receiver Darrias Sime and again on fourth-and-two with a 15-yard scramble to the Middlebury 12-yard line. Four straight runs later, the Ephs reached the end zone, as second-string tailback Marco Hernandez beat one Middlebury defender off the left tackle, finding pay dirt from a yard out. Mallock, however, pushed the point after try wide right, the previous miss still lingering in his head and Middlebury maintained a 7-6 lead.

The Ephs' scoring drive appeared to spark the Panthers as Foote completed five of six passes on the next drive, including a 20-yard completion to tight end Billy Sadik-Khan '14, who shed his defender and picked up half the yardage after the catch. Three plays later, Foote found Zerkowicz on a swing pass, which the diminutive first-year turned up field, knifing through a pair of Williams defenders en route to a 47-yard gain down to the 10-yard line.

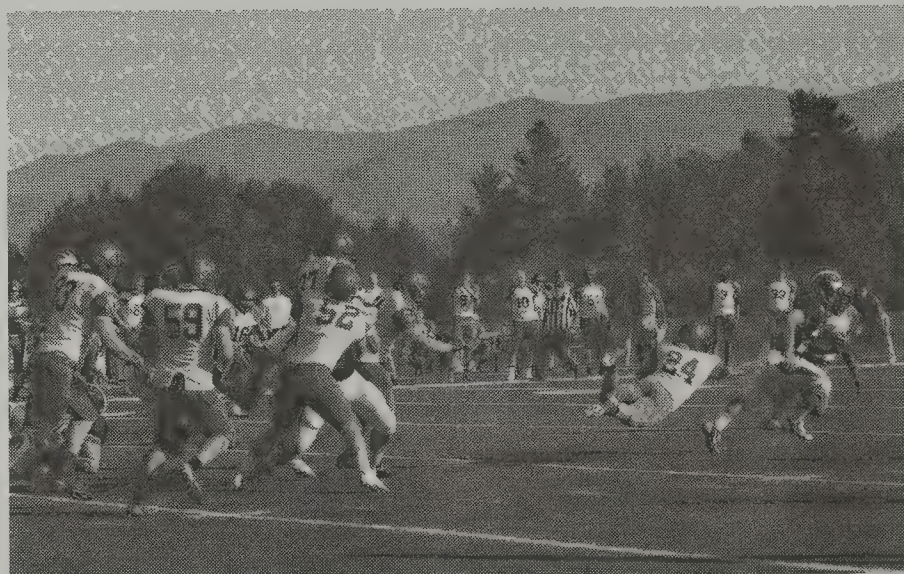
"I always set people up to make them miss either by using my blocks or a little shake or something," Zerkowicz said of the highlight-reel play.

Then, on second-and-goal, Foote found his dynamic back again on a well-designed screen pass and Zerkowicz zipped his way into the end zone to give the Panthers — who bookended the half with touchdown drives — a 14-6 lead.

Williams demonstrated an impressive display of the two-minute drill, driving 57 yards on 11 plays in just 1:34, but it was ultimately for naught, as Mallock missed another field goal wide right — this time from 37-yards out — to end the first half.

The Middlebury defense forced a three-and-out to begin the second half, giving the offense a chance to take a commanding two-score lead. Despite great starting field position and a Foote-to-Wheeler 14-yard completion, Middlebury failed to come away with points as Foote threw his eighth interception of the season on a clear miscommunication with his intended receiver.

Once again, the Ephs found their footing



ANTHEA VON VIRAGH

Matt Rea '14 breaks the tackle of a diving Ephs defender as he bounds for a 25-yard run on the Panthers game-winning drive. The Panthers improved to 3-1 with the win.

first on offense, regaining possession at the halfway mark of the third quarter and orchestrating a 12-play 80-yard touchdown drive that ate 6:40 of clock. On the critical play, Marske found his tight end Alex Way from the three-yard line and then went back to the well on the two-point conversion, finding Way to tie the game at 14 with under a minute remaining in the third quarter.

Middlebury appeared to be on its way to retaking the lead on the opening drive of the fourth quarter, but a 21-yard Zerkowicz catch-and-run was negated by a holding penalty and the Panthers were forced to punt. The defense recovered by forcing a three-and-out. Outside linebacker Matt Crimmins '14 provided the crucial play — as he did time and time again in the second half — blitzing off the edge and batting down Marske's pass.

The Middlebury offense continued to struggle, earning just one first down on a 14-yard completion to running back Matt Rea '14 before punting once again on.

Rea, however, would take matters into his own hands on the ensuing Panther drive, carrying the ball three times for 31 yards, including a frantic, 25-yard scamper up the middle on a key third-down conversion. The Panthers were not out of the woods, however. After an incompletion on third-and-three from the Ephs' 40-yard line, Ritter elected to go for it on fourth down, and the offense responded as Foote hit a sliding Matt Minno '14 on an inside slant for a 10-yard gain and a first down. Foote targeted Minno on the ensuing play, throwing a go-ball for his 6'3" receiver in single coverage. The defender

in coverage grabbed Minno, drawing a flag for pass interference. The team turned back to Zerkowicz who carried the ball out of the backfield on consecutive plays for seven and eight yards, respectively, the latter of which into the end zone on a draw play behind a road-grading offensive line.

"The line opened up a huge hole which made it pretty easy for me," he said of the run.

Williams squandered two final opportunities to tie the game, going three-and-out on the next drive before running out of clock on the game's final possession. Crimmins featured heavily in the Ephs' struggles, batting down another Marske throw before meeting teammate Jack Crowell '14 at the quarterback for his second sack of the game on the final drive.

"We were trying to get Crimmins off the edge because we thought he could give them fits, and he played exceptionally," Ritter said.

Crimmins totaled seven tackles, trailing only Bain (16) and Tim Patricia '16 (10), as well as 1.5 sacks and two break ups. Offensively, the ground game led the way as Rea gained 74 yards on 17 carries and Zerkowicz picked up 37 yards on just seven carries and led the team with six receptions for 67 yards. Foote, meanwhile, completed 20 of 37 passes for 247 yards and two touchdowns and the lone interception.

With the victory Middlebury improved to 3-1 and has won 10 of its past 12 games dating back to last season. Williams, meanwhile, dropped to 0-4 for the first time since 1947. The Panthers travel this weekend to Lewiston, Maine where they face Bates (2-2).

Peterson Additions Feature Energy Efficiency

CONTINUED FROM 24

was also intended to save green space at the College, something Gleason said was a priority for the committee who ultimately made the site decision.

"The College's master plan showed that anyways, but it was good practice to look at its impact in a different location, from aesthetics to an environmental standpoint," he said. "Putting it where it is now, from an environmental standpoint, is probably best because that area was not a green area before."

Another, perhaps unintended,

consequence of the new projects will be the removal of student parking from the Kenyon area. The spaces will become Faculty/Staff or event spaces. This will divert athletes who used to park in the lot to use other means of transport or become creative with their parking decisions.

"Right now there is no assigned parking in that lot — there won't be any student assigned parking out there," said Gleason. "A lot of athletes used to drive to practices, but I think we are trying to discourage that now as part of the 'Greening Athletics.' Now people park in the tailgate area behind the stadium, but I think that's still a long walk to the building."

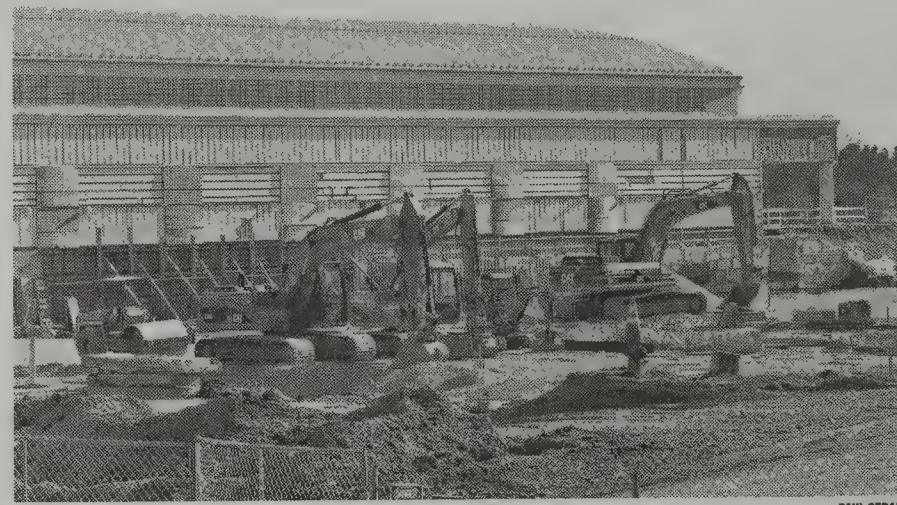
"There wasn't an intentional decision to limit parking, but I have been trying for several years now, along with others to change the culture with driving down here," Quinn said. "It's not congruous with what you're coming down here to do, whether you're a varsity athlete, faculty, staff or student. I would like most of our parking to be event and visitor parking, just culturally."

Gleason said that he is happy with how the project turned out, but also pointed to the fact that the LEED certification is not the "be all end all" for sustainability.

"It's hard to say when you're talking about your buildings to other schools and athletes

that have interests in green buildings," Gleason said. "It's hard to say that your building is 'green.' You can say that, but prove it. Prove the building is LEED certified — only a third-party can certify that. We will be able to say we have a LEED gold squash center for what it's worth. Some people will completely discount it but others think it's really important."

The new squash facility has a soft opening early next week and a firm opening scheduled for Oct. 26. Shortly after the firm opening, the courts and an adjacent spinning room should be available for student, faculty and staff use.



PAUL GERARD

The new squash center (left) and field house (under construction) feature a host of energy efficiency measures. The former opens Oct. 26, while the latter will be ready in 2014.

Men's Soccer Legs Out Trinity, Hamilton

By Joe MacDonald

The Middlebury men's team stopped a two game slide this weekend with convincing victories over Trinity on Saturday, Oct. 12 and Hamilton on Sunday, Oct. 13 at home during Fall Family Weekend. The crowd full of friends and family witnessed what could be a turning point in the Panthers season.

On Saturday, the Panthers (5-3-1, 4-3-1) outmuscled the Trinity Bantams (7-2-2, 3-2-2) in a 3-1 victory. Coach Dave Saward credited the Panthers' physicality for the victory.

"Our physical presence was a challenge for Trinity," Saward said. "The strength of the Trinity team is that they have a very dynamic front six that attack from all angles, thus it was important that we worked hard to deny service from their mid-field up to their strikers."

The Panthers' back line played well despite some nagging injuries to Deklan Robinson '16 and Graham Knisley '14 in the center. The Bantams only mustered five shots all game, and just three on net. Including Sunday's game, the Panthers have been outshot only once this season, in the season opening overtime defeat at Amherst.

Middlebury's first goal started at the back when Robinson fed the ball down the right side to Tom Bean '17 who quickly led a streaking Adam Glaser '17 with a nice pass.

"Glaser had a step on the Trinity defender and from such an advantage he rarely relinquishes the lead," Saward said. "This proved to be the case as he rushed clear of the Bantam back line and calmly chipped the ball over the desperate dive of the goalkeeper."

Only six minutes later, Robinson claimed some glory of his own. After Trinity failed to clear a corner kick effectively, Harper Williams '15 played the ball toward the back post where Robinson finished with an emphatic header.

Trinity then got one back at the 38:34 mark, when a long clearance found a sprinting

Trinity winger behind the Middlebury back line. Trinity player Fernando Torello slid the ball past keeper Ethan Collins '14 to equalize within one at halftime.

Not to be outdone, Glaser's hard work earned him a second goal on the day. Glaser chased down the Trinity defender and caused some confusion between him and the Bantam keeper. Glaser stole the ball, turned and shot in one motion for the goal.

Glaser now leads the team with five goals on the season and 11 points.

"Even though Glaser is a freshman, he is a mature and skilled player on the ball who always seems to be in the right place and can create space between defenders to quickly shoot the ball," teammate Tyler Bonini '16 said.

On Sunday, the Panthers looked to sweep the weekend against the visiting Hamilton Continentals (2-5-3, 1-3-3). Middlebury took an early lead in the 12th minute when Sam Peisch '14.5 cleaned up a rebound off of Noah Goss-Wolliner's '15 blocked shot for his first goal of the season.

For the remainder of the first half the Panthers controlled possession, but it did not come easily. Around 15 minutes in, Knisley hit the turf twice while defending Hamilton's attacks. Moments later, Philip Skayne '17 leapt for a header and went end over end when a Hamilton player took out his legs. With three minutes remaining in the half, Bonini played a set piece into the box that Bean was nearly able to finish but for some contact, leaving Bean with his hands in the air and staring at the official.

Middlebury had a handful of close scoring chances in the second half. In the 67th minute a long set piece resulted in the ball being redirected and glancing off the outside of the post. The Panthers produced a flurry of attacks in the final 15 minutes of the half. In the 79th minute Williams' corner was snagged by the leaping Hamilton keeper. Middlebury recovered the ball quickly and mounted a counter attack led by Bonini.

Streaking down the right side, Bonini cut back nicely and tried to finish with the left foot but was denied by a diving save.

The Panthers were still not done. Off of a long throw Bean had a decent look at the net, but was unable to get a shot off and the ball was cleared from danger.

Hamilton continued to throw its weight around in the second half, but to no avail. In the 61st minute Collins made an easy catch off of a free kick and took what was clearly a deliberate shoulder from Hamilton's Buck Reynolds.

Hamilton's best scoring chance came with 22 minutes remaining in the game. John McGuinnis crossed a beautiful ball Daniel Krainak, who desperately laid out for the ball. Krainak beat Collins but went wide of the net.

Middlebury tried to put the game away in the 78th minute. A Hamilton defender took down Robinson outside the 18 resulting in a free kick. Off the set piece, Williams found the back of the net with a header, but was called for a foul, negating the goal.

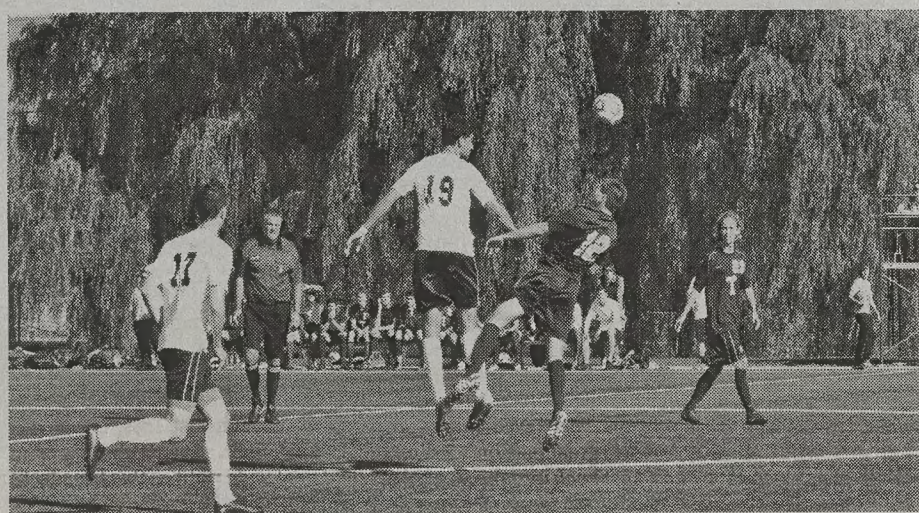
With just two minutes remaining a

shoving match halted play when Hamilton's keeper slid to take out Glaser as his shot went high over the net. Some Hamilton defenders took offense to Glaser's aggressive run, enough so that one shoved Glaser to the ground as he tried to get up. Officials put a stop to the confusion, and Middlebury iced the game less than a minute later when Glaser crossed it low to Skayne for the goal.

Saward took some positives from last week's loss at Tufts and believed that if the team brought the same level of commitment to the weekend they would have success.

"From my perspective, the team did all of that and more," Saward said. "They were rewarded for their hard work and positive attitude with two very good wins and 6 points. Now we need to sustain our effort for every minute of every game left and we shall see where that takes us. Nothing is guaranteed."

Middlebury rose to second in the NESCAC over the weekend, though still a distant second to table-setting Amherst. They will return to action on Saturday, Oct. 19 at Bates.



PAUL GERARD

Midfielder Greg Conrad '17 challenges a Bantam player for a header in Saturday's 3-1 win. Middlebury's pair of NESCAC wins shot them to second in the conference.

Jones, Campbell Claim ITA Doubles Title

By Stephen Etna

Opportunities to compete against national level competition are few and far between for NESCAC schools, but the Middlebury Tennis program has historically made the most of its chances. The duo of Brantner Jones '14 and Palmer Campbell '16 continued this winning tradition at the ITA Small College Championships in Fort Myers, Florida from Thursday, Oct. 10 to Sunday, Oct. 13.

Representing the New England ITA delegation following the inability of Ben Fife and Joey Fritz of Amherst College to

compete, Jones and Campbell stunned the field and took the Small College National Championship in doubles play.

The duo started the long weekend of tournament play with a (6-3) (6-3) victory over the 4th seeded doubles pairing from Wisconsin-Whitewater.

This easy win was followed with another one, with Jones and Campbell demolishing the top-seeded team from North Carolina Wesleyan. Knocking off the top team in the field cleared Jones' and Campbell's path to the finals, where they faced Andrew La Cava and James Rivers of Whitman College. This year

marked the athletes from Whitman College's second straight appearance in the finals. Playing in top form, the Panther duo cruised past their opposition, earning a decisive (6-3) (6-2) victory to earn the championship.

The Middlebury players not competing in ITA play also played exceedingly well this weekend, participating in the Wallach Invitational at Bates College on Saturday, Oct. 12 and Sunday, Oct. 13.

In a promising showing, Alex Johnston '14 appeared to be coming into form, coasting through the "A" singles bracket in straight sets before meeting

his teammate Teddy Fitzgibbons '14 in the finals. Johnston would defeat Fitzgibbons in a bit of friendly competition, (6-1) (6-4), winning the bracket.

The younger members of the Middlebury team also played well, with strong showings by Jackson Frons '16 and Ari Smolyar '16 in the "B" bracket, who both advanced to the semifinals. While it is still early in the season, it appears that the Panthers have put the NESCAC on notice with their play- they clearly seem to be one of the teams to bet.

EDITORS' PICKS



ALEX MORRIS (13-7, .650)



JOE MACDONALD (11-9, .550)



DAMON HATHEWAY (123-110, .528)



OWEN TEACH (80-80, .500)

Will the women's soccer team finish the regular season 1st in the NESCAC?

YES

I would never doubt Peter Kim. Never.

YES

The women currently have a one game lead on the Lady Bantams, whom they've already beaten.

YES

It pains me to see consensus like this in the editors' picks.

YES

With games left against Wesleyan and Bates, these ladies have what it takes.

What will the football team's record be the next time the Campus goes to print?

4-2

What Joe Mac said.

4-2

They haven't shown me enough to believe they can beat Trinity.

5-1

Disappointed that none of you have the guts to say 5-1 or 3-3.

4-2

The Trinity game last year was a tough one. Not sure it's going better this time around.

Over/Under: 7.5 total goals in the field hockey's match against Bates this weekend.

UNDER

The Panthers will knock in a few for sure, though.

UNDER

Unless Middlebury scores 8 goals on their own. Upset alert!

UNDER

There's a time and a place for risk taking, O, and this isn't it. See you on the other side of .500

OVER

I didn't make the trek back to .500 without taking a few risks. By the way, I made it back to .500 if you didn't notice. Congrats to me.

Who will compete in the World Series?

RED SOX vs. CARDINALS
Curse of the Bambino Part II anyone?

'12 RED SOX vs. '13 RED SOX
For those who don't know, the 2012 Red Sox are the current Dodgers.

RED SOX vs. CARDINALS
A repeat of the 2004 World Series. Similar result coming, too.

CARDINALS vs. RED SOX
I still haven't gotten over the Cardinals beating the Nats in game 5 of the NLDS. 2 outs 2 strikes twice!

THE MIDDLEBURY GREAT EIGHT

RANKING	TEAM
	<i>Alex's Assertions</i>
1	MEN'S SOCCER <i>A huge turnaround that could turn odds in their favor.</i>
2	WOMEN'S SOCCER <i>Setting the foundations to go all the way in the NESCAC.</i>
3	FIELD HOCKEY <i>Almost managed to shutout strong NESCAC competition. What low probability Damon?</i>
4	CROSS COUNTRY <i>Cross Country is often under-appreciated, but don't worry guys, I got your back.</i>
5	MEN'S RUGBY <i>Was this game even real life?</i>
6	MEN'S GOLF <i>The ECAC champions capped off a strong season well.</i>
7	FOOTBALL <i>Could everyone stop winning, please? Picking this order was too hard.</i>
8	VOLLEYBALL <i>The victims of their own demise, lessons are here to be</i>

Field Hockey Rattles the Cage, Outscores Trinity, Hamilton 9-1

By John Wyman

The Panthers scored and roared above their weekend opponents, scolding Trinity 5-0 on Saturday, Oct. 12 and topping Hamilton 4-1 on Sunday, Oct. 13. Anna Kenyon '16 and Bridget Instrum '16 lifted the team chemistry and speed of play, and deceptive playmaker Alyssa DiMaio '15 found a well-deserved scoring touch. The seniors delivered memorable performances on both days to kiss the spongy Kohn field goodbye.

Middlebury orchestrated its most professional and overpowering game of the year against Trinity to please a large crowd of proud parents in the bleachers. On the first corner of the game, Catherine Fowler '15 used Ellie O'Brien '14 like a wall to shed a defender before finding some open net.

The Panthers took 11 hits on the Trinity goal in the first half while Meredith Rowe '14 and Anna Kenyon '15 infuriated the Trinity offense by allowing not a single shot.

"Meredith is such a brick wall in the back," DiMaio said. "Everyone is so confident in her and she really can't get enough credit for what she does."

Kenyon especially glued the defensive door shut with her vocal leadership from the sweeper position much to the appreciation of her teammates.

Katherine Theiss '14 shook the tree trunk early in the second half and goals fluttered into the Trinity cage. Theiss

seized the shin-high rebound and shot quickly to beat the goalie. Next, Fowler drove right and cranked a shot that Hannah Deoul '14 tipped perfectly through traffic for another energizing goal. Nine minutes later, Bridget Instrum '16 tapped in a lateral pass across the goal line from O'Brien to make it 4-0. Later on, Kenyon earned a penalty stroke which NESCAC-leading-scorer Fowler coolly slotted.

Middlebury rolled its momentum forward over Hamilton on Sunday, scoring four goals and allowing only one goal with five minutes left in the game. Coach Katharine DeLorenzo honored all of the seniors with a starting position in their last home game, including an emotionally lifting start for Hana Kahn '14, who hobbled on and off the field with a broken femur.

Early in the first half, Theiss converted on her second of two quick baseball swing hacks in front of the goal, setting the tone for another exciting, high-scoring affair.

Fulfilling a pregame prophecy of teammate Kenyon, DiMaio clapped in the game's next two goals, hiding near the goal post to nimbly redirect two blurrily fast shots coming from the outside, bringing Middlebury ahead quickly to 3-0.

"Coach DeLorenzo had me practice tipping all week, making sure I kept my stick on the ground," DiMaio said. "In the game, I sort of just closed my eyes and got lucky."

Fowler iced the cake for the second consecutive game, scoring the fourth goal on yet another designed corner play, one that smartly advantages from her laser-fast shot.

The players offered several different explanations for their improved play over the weekend, pointing to their coaches and team leaders as the primary fuel.

"It feels like we are clicking now," Olivia Jurkowitz '17 said. "For a while Coach DeLorenzo played with a lot of different formations, but she seems to have found something now that really works."

During the week, the Panthers repeated the mantra "As One" to imagine playing together like individual body parts under a single brain. The mantra and all-week competitive attitude trickle down from captains O'Brien and Deidre Miller '14.

"The captains are a big part of the focus," DiMaio said. "At practice, we're at practice and can't be anywhere else."

Kenyon voiced her satisfaction with the game result of the week's efforts in practice.

"We are working the ball in-and-out, making the small diagonal passes, and looking for the 2-on-1's now rather than just taking big hits forward," she said.

All forecasts looking strong, Middlebury looks to build its hurricane momentum over the weekend with its two final regular season games Saturday, Oct. 19 at Bates and Sunday, Oct. 20 at Wesleyan.

Men's Golf Team Clinches ECAC Championship

By Kevin Yochim

The Middlebury men's golf team enjoyed another victory this season, easily winning the ECAC Championship at Crumpin Fox Golf Course in Bernardston, Mass.

The Panthers finished with a two-day total of 635 strokes, 13 ahead of runner-up Western New England College. Elms College (649), Nichols College (651) and Endicott College (655) rounded out the top five. Amherst College, the only other NESCAC team to compete in the tournament, finished in eighth place.

Middlebury got off to a fast start on Saturday, Oct. 12 and finished with a score of 318, six strokes ahead of Nichols and Endicott. They followed up on Sunday, Oct. 13 with a total of 317, distancing themselves from surging Western New

England and Elms while the other schools fell back.

Fitz Bowen '17 led the way for the Panthers, capturing second place overall in the tournament with a score of 154. His day-two 75 was tied for the best single-day score of the weekend. Matt Marra '17, playing in the team's top five for the first time this season, made the most of the opportunity by finishing in a tie for sixth place overall with an impressive 158. NESCAC Player of the Year John Louie '15 (160) finished eighth overall while Chris Atwood '14 (164) tied for 20th. Max Alley '14 rounded out the Middlebury squad with a score of 168.

Rob Donahoe '14, the top scorer in the NESCAC this year, did not compete.

"Crumpin Fox was a true test of golf: tight tree lines, undulated greens, and plenty of hazards," said Bowen. "Despite

these challenges, we stayed focused and were able to keep the ball in play."

It was the final weekend of the year for the Panthers, who finished the fall season with four trophies in only five tournaments. Most notably, the team qualified for the NESCAC Championship, which it will host in April at the Ralph Myhre Golf Course. The team missed this opportunity last year, finishing fourth at the qualifying tournament hosted at Amherst. It went on to finish third at the NESCAC tournament last May, behind Williams and Trinity.

The times seem to have changed for the Panthers as Middlebury is the favorite to win the NESCAC tournament due to both its success this fall and the strong veteran presence of players like Alley, Atwood, and Donahoe who have played in the tournament several times. If they continue

their high level of play in the spring, they will also be poised for success at the NCAA Division III Championship in May.

BY THE NUMB3RS

16	Number of Tackles by Will Bain '15, NESCAC Defensive Player of the Week.
5	Number of goals first-year Adam Glaser '17 has scored so far this season, a team best.
12	Number of tries scored by MCRC against UCONN.
21	Number of errors committed by the volleyball team against Amherst.
1947	The last time the Williams football team started 0-4 ... at least until Saturday, when Middlebury dropped the Ephs to 0-4 on the 2013 season.

Volleyball Swept by 'Jeffs, Ephs, Falls to 3-3 in NESCAC

By Ben Buckles

The Middlebury's women's volleyball team struggled through a tough pair of games on Friday, Oct. 11 and Saturday Oct. 12, falling to Amherst on Friday 3-0, then Williams on Saturday with the same score. These were the Panther's first consecutive losses of the season. Dropping these games will haunt the volleyball team for what is likely the rest of the season, as Amherst and Williams are both important NESCAC rivals, who, before this weekend, had only been one game ahead of the Panthers. In order to finish near the top of the table this season, the Panthers will have to remain undefeated in conference play, and hope the Lord Jeffs and Ephs cannot do the same.

On Friday, the Jeffs took the first and second sets comfortably 25-16 and 25-17 respectively. The Panthers put up a fight in the third set, going up 8-0, but eventually submitted to a 24-20 loss.

Perhaps it was the pressure of facing an important conference opponent, but Middlebury committed the 21 errors over all three sets. 12 of these errors occurred in the last set, signaling a collapse in confidence for the Panthers.

Captain Megan Jarchow '14 once again

led the offensive push with 11 kills, but 10 errors with 35 overall touch attempts meant she would only post a .029 kill percentage. This was Middlebury's worst showing of the season, with the Panthers posting only a collective .085 kill percentage, with 21 errors and 34 points.

Coach Sarah Raunecker is using the weekend as a learning experience.

"I think the big take-away from this weekend was that we need to be on top of our game for any and all conference opponents," Raunecker said. "They're all just good teams."

The next day, Middlebury once again suffered a conference loss against Williams. This game was a better showing of the Panthers' overall potential, as they posted higher numbers across the board, with a better kill percentage of .097, yet still finished with only 34 points. Middlebury seemed to be more on the same page, committing far fewer service errors and having a more solid passing game. Olivia Kolodka '15 had a good game, posting seven kills with a .400 kill percentage, and putting four digs on the board.

Kolodka believed that despite the loss, the Panthers responded well to the poor performance on Friday.

"Our game against Williams did a better job of showing our potential than our game against Amherst," Kolodka said. "Our passing in particular was much better, allowing us to really compete with Williams. There were some really long, intense rallies that we fought through, but in the end Williams won more of those points than we did."

She remains optimistic about the remainder of the season.

"Going forward, I see us playing with a new level of intensity to prove that we can compete at a higher level," Kolodka said.

Middlebury faces two more conference opponents next weekend, with Connecticut College on Friday, Oct. 18 and Tufts on Saturday, Oct. 19, both of which are away. The Panthers still hope to place near the top of the NESCAC table, and will look to prove they are capable this upcoming weekend.

PANTHER SCOREBOARD

FIELD HOCKEY vs. Trinity	5-0 W	Field Hockey blanks the Bantams in conference victory
FOOTBALL vs. Williams	21-14 W	Footie bounces back from loss at Amherst with big game
WOMEN'S SOCCER vs. Trinity	2-0 W	Women claim the top spot in the NESCAC with two wins
MEN'S SOCCER vs. Hamilton	2-0 W	Men now trail only Amherst in the NESCAC standings
VOLLEYBALL vs. Williams	3-0 L	Volleyball shoots itself in the foot with unforced errors

Cross Country Places Fifth at New Englands

By Bryan Holtzman

On Saturday, Oct. 12, the Middlebury men's and women's cross country teams competed at historic Franklin Park in Boston to race in the N.E.I.C.A.A. Championships, colloquially known as Open New Englands. Opens invites 67 colleges in New England across all divisions and thus features a high level of competition. Additionally, the meet splits into a varsity race, where only seven athletes per team are allowed to compete, and a sub-varsity race, which has unlimited entries.

The sub-varsity races started the day and the Panthers came out roaring. On the women's side, five athletes finished in the top 15, led by Kate Leib '16, who had a sixth place finish. The team finished second among sub-varsity teams, behind only the University of New Hampshire and ahead of many NESCAC competitors. The men's sub-varsity team was led by Sebastian Matt '16, who ran his way to a tenth place finish. The men finished seventh among the sub-varsity squads.

After the morning sessions, the varsity races began. The women led off the blustery, cool New England day with a fifth place finish, ahead of all other D-III teams. Sarah Guth '15 led the Panthers, finishing the five-kilometer race in 18:14, good for 24th place. Her finish was good enough to earn her NESCAC Performer of the Week honors. She was followed closely behind by teammates Erzsie Nagy '17, Alison Maxwell '15, and

Katherine Tercek '16, while Summer Spillane '15 rounded out the scorers only 25 seconds behind Guth.

"Being named NESCAC performer of the week was a nice reminder that NESCACs is coming up," Guth said. "Our team is looking really strong and I'm excited to see what we can do down at Connecticut College three weeks from now."

Guth, Nagy, Maxwell and Tercek ran the first half of the race closely together as a strong pack. As is usual in large, competitive fields, the pack broke up towards the later stages of the race but the ladies were able to finish strong.

The men followed the women with a fifth place finish as well. Like the women, they were also top among D-III schools. Nate Sans '14 led the way with a 13th place finish, a feat that garnered him All-New England honors. Sans completed the eight-kilometer race in 24:53, the fastest time in Middlebury history at Franklin Park. Close behind were Greg Krathwohl '14, Kevin Wood '15 and Wilder Schaaf '14.5, all within 25 seconds of Sans. Sam Craft '14 crossed the line as the Panthers' fifth man to complete the scoring.

Similar to the women's race, the top four men worked together in the opening stages of the race. The field went out in a blazing pace for the first mile, and the Panthers were right in the mix. As the competitors spread out after their first trip up Bear Cage Hill and through their first lap of the Wilderness, Sans stuck with the chase pack, where he

remained for the race. The other Panthers worked together to measure their efforts and all finished strong.

"I am very pleased with how both teams preformed," Wilkerson said. "We are at the height of intensity and volume for the season, so for both teams to perform that well on tired legs was encouraging."

The Panthers next travel to SUNY-Albany for the Albany Invitational on Saturday, Oct.

19 marking their final competition before the NESCAC Championships, which will take place on Saturday, Nov. 2, at Connecticut College.

"Albany is a fun and fast course and the last opportunity where we get to race our full rosters," Wilkerson said. "We get to see different competition and that is fun as well. Looking forward to having that race to work on some team racing strategy again."



COURTESY OF ERIC KRATHWOHL

A pack of Middlebury runners round a turn at the N.E.I.C.A.A. varsity race in Boston.

MCRC Dismantles UCONN in 93-6 Blowout

By Owen Teach

Coming off a bye week and sitting atop the East Coast Rugby Conference at 3-0, the Middlebury College Rugby Club (MCRC) set its sights on a tilt with University of Connecticut (UConn) this past Saturday, Oct. 12 to keep pace in its quest for the conference's top spot and a trip to the postseason. The Huskies did not prove to be much of a threat to MCRC, as the Panthers converted a staggering 12 tries en route to a 93-6 victory. Jake Feury '16 once again led all players in scoring with four tries and two conversions, while nine other MCRC players also got in on the scoring act. The 93-point scoring output from the Panthers more than doubled the point total put up by any other team in an ECRC match this season.

Coming into the contest against a struggling UConn side, the club viewed the contest as an ability to send a warning shot to other teams in the country.

"We wanted to go into the game with the idea of sending a message – UCONN is historically weaker than other teams in the conference, but that didn't mean we wanted to take them lightly or rest any of our key players, who all played the majority of the game," senior advisor Dusty Attwood-Dupont '13.5 said. "We

just want people to think either: that was a hard game we just played against Middlebury or we still have to play Middlebury."

Fullback Allan Stafford '13.5 echoed Attwood-Dupont's remarks.

"It was important to send a message because we want other teams to look at the score and be afraid to play us," Stafford said. "It's a mentality thing: we want the other team to think we're the best team out there. I wouldn't say we ran up the score, but we tried to do a lot of things that we did in practice that week and put them into the game."

While the side started things off strong in the first 20 minutes, the first half's second portion left something to be desired for MCRC.

"We put a few quick tries on the board and then I think got complacent. In the second half of the first half we started playing a little slower, we got lackadaisical and had a few stupid penalties in the breakdown and around

the ruck," Attwood-Dupont said. "What you don't want to see, especially playing a team like this, is us playing down to them, and I think we did that for 15 or 20 minutes in that first half."

All things considered, however, the Panthers were handily in control for most of the contest. The dominance came in large part because of strong play from back row players Ben Stasiuk '13.5, Griffin Jones '16 and Laird Silsby '15.

ALAN STAFFORD
CAPTAIN

"When you have Laird, Ben or Griffin, who are all large, athletic players going up against small wings and centers on UConn it's easy for those three to break the line and keep moving the ball through and we did that successfully," Attwood-Dupont said. "In our second half we were able to put together a team effort – it allowed the back line to get the ball, move it into our athletic forwards' hands and run onto UCONN players, which were clearly not up to the challenge especially later in the game."

MCRC certainly pulled away late

in the game, converting more than 60 points in the second half to ignite the route. Besides the leading scorer Feury, were Stafford (two), Sam Schwarz '14, Stasiuk, John Hawly '14, Jones, Silsby, Alex Ruocco '14 and Madison Stebbins '14 also put tries on the board.

The Panthers take on the University of Albany this Saturday, Oct. 19, another team struggling to gain points in the standing and sitting just one spot above UConn.

For Stafford, now is no time to get complacent for his club.

"We are going to approach Albany the same way we approached UCONN. We are going to practice the same, do the same amount of fitness and not change anything. Saturday is the 'be all end all,' just as it is every week and we are going to make sure the team knows that," he said. "The attitude will come top down from the coaches and the captains and we will make sure no one is joking around. If you are joking around, you are not going to play."

Following this Saturday's game, MCRC heads to Boston College on Saturday, Oct. 26 for a game that will likely determine ECRC's automatic representative to the D1-AA National Tournament. The Eagles defeated Middlebury 13-11 last season.

Favorito Scores, Records Assist in Panthers 2-0 Victory

CONTINUED FROM 24

competitors in the NESCAC.

"I was impressed by the entire team's performance," head coach Peter Kim said. "They defended extremely well, and moved the ball sharply all over the field. The goals were pure class. Both Favorito and Sloan spend extra time perfecting different types of shots, and it was nice to see them reward themselves for their hard work."

The Panthers weren't able to replicate such a comfortable win on Sunday, as Hamilton forced them into overtime.

Kirk had instant opportunity to put the Panthers ahead after beating the last defender, but after mistiming her run, Continentals goalie Liza Gergenti made up for the mistake with a crucial tackle to divert the ball away.

The game proceeded with a good pace, as Middlebury looked to open up space on

the field by constantly reserving the ball and angling passes. Hamilton meanwhile predominantly relied on long balls, using a resilient defense as a source of attack.

In the 20th minute, Hamilton nearly scored against the run of play after confusion in the Middlebury box from a poor clearance allowed Kendall Daly to latch onto a loose ball. But Panther keeper Kate Reinmuth '17 produced strong hands.

Minutes later, Sarah Noble '14 nearly converted a corner kick from Ali Omsberg '15, but the shot went over the net. The last real chance of the half came after Soroka cut back the ball with her left foot just ahead to an oncoming Omsberg.

The second half was an extremely quiet affair, as both teams were unable to break down the respective defenses. Kirk yet again had a "nearly," but her shot hit the inside of the right post before bouncing

out. Favorito was also unable to break the deadlock, as her blast from 25 yards out was tipped over the crossbar by Gergenti.

Middlebury finally showed its dominance in overtime, as the Panthers overwhelmed the Continentals with an attacking onslaught. Gergenti made a point-blank save from Adrianna Gildner's '17 shot, before the post saved the Hamilton keeper once again after Robinson's shot hit frame before bouncing away.

The Panthers finally found the back of the net in 98th minute. Gildner found herself in space 15 yards out after a pace from Robinson, and coolly slotted the ball into the net after help from a bounce off the post.

"I was impressed by the team's determination," Kim said. "Our back line held strong despite playing a lot of minutes the day before, and we were

bolstered by solid play from many of our substitutes. Both matches were great team efforts."

Despite clinching a spot in the playoffs, co-captain Lindsay Kingston '14 is making sure her team doesn't get ahead of itself.

"Although we are incredibly excited for the post-season tournament, we are focused on taking it a game at a time and not overlooking any team," Kingston said. "We are looking to continue to utilize as many players as possible and improve our connectivity with each other on the field. Most importantly we want to play our style of game against all of our competitors, even the most disruptive teams."

The Panthers move into the final stages of conference play with games against Bates on Saturday, Oct. 19 and Williams on Tuesday, Oct. 22.



Middlebury's leading scorer Adam Glaser '17 (9) found the back of the net twice in a 3-1 win over Trinity. See page 21 for full coverage.

Women's Soccer Strikes Again, Clips Bantams, Detains Hamilton

By Alex Morris

The Middlebury women's soccer team established its place at the top of the NESCAC with a 2-0 victory over Trinity on Saturday, Oct. 12 and a 1-0 overtime win against Hamilton on Sunday, Oct. 13.

The Panthers went into the double header with cautious optimism.

"Going into the weekend we were tied for first place in the NESCAC with Trinity, and we knew that both games were really important and neither team would be easy to beat," co-captain Moria Sloan '15 said.

Saturday's game started as an unsettled affair with neither team able to string passes together. The Panthers soon grew

into the game, dominating the majority of forward possession and keeping good pressure when Trinity had the ball.

Middlebury's dominance was rewarded in the 18th minute when Julia Favorito '14 scored the first goal of the game. Favorito found herself with time and space to take a touch before unleashing a 25-yard screamer over Bantam keeper Monica DiFiori's head. After the first goal, as neither team was able to string together enough possession for a while.

Trinity had a good chance to equalize after turning a Panthers defender inside the box, but could only watch as the ball bounced off the crossbar. However, Middlebury continued

to run the show after powerful attempts on goal from Hannah Robinson '16 and Jamie Soroka '16, who managed to weave through three defenders and get off a shot despite losing her balance.

The Panthers kept the pressure on Trinity at the start of the second half with instant rewards. Just two minutes in, after good build-up around the box, Sloan launched a rocket into the top right corner, leaving DiFiori helpless.

Middlebury grew in confidence after the second goal, refusing to sit back but rather continuing to attack. The Panthers frustrated Trinity with clean and precise passing, limiting the Bantams to just two shots on goal in the second half.

Scarlett Kirk '14, the NESCAC's leading scorer, was denied a goal in the final moments of the game after a last ditch tackle from a defender sent the ball out for a corner.

After such dramatic victories, a comfortable win soothed some Panther nerves.

"While pulling out those tough wins is a crucial strength for a team to have, I believe our focus will be on finding our rhythm up top so that we are able to confidently to put away games early rather than waiting until the last few moments of the game to score," Favorito said.

The young team showed discipline to hang on for the win against one of its biggest

Facilities Aim For Gold LEED Rating

By Owen Teach and Damon Hatheway

As construction continues on the new squash center and field house set to transform Peterson Athletics complex into a top-level NESCAC facility, a large amount of emphasis on the sparkling new, \$46 million project has been placed on energy efficiency and sustainability.

The nine-court squash center, opening next Saturday, Oct. 26 and the 110,000 square-foot field house boasting a 200 meter six-lane track and turf practice field, set for its unveiling in October 2014, both are on target for LEED gold-level certification from the U.S. Green Building Council – making them the only other buildings on campus besides Hillcrest environmental center to attempt the rigorous classification.

While certain trade-offs were made in the planning and development stages between low impact, locally sourced materials and ones that satisfied quality requirements to host athletic events, College project manager Mark Gleason said that every product was vetted for environmental sustainability, within reason.

"We look at a couple things: environmental impact and maintenance," said Gleason. "We want to find materials that are low impact on the environment but that also don't require a whole lot of maintenance."

"Both of the projects are registered with LEED, and that guides a lot of the decisions in terms of materials," he added. "We try to stay local within reason, but in general that's what we're trying to do: meet the 500-mile radius.

For concrete and steel that's easy to do. For siding, sometimes not as easy to do."

The two spaces will feature numerous energy efficiency features, including natural light (or day lighting) through a skylight and windows in the squash center, two "clear stories" and glazing on the entire western concourse of the new field house. The new buildings will provide enough light during the day making electric lighting unnecessary.

Other materials, from an eventual green roof on the squash center to insulation and high-efficiency LED lights in both buildings point to a decision-making process focused on low impact materials.

One caveat, Gleason said, was that the Athletics department demanded the use of ASB squash courts – a product only manufactured in Germany.

"The squash courts come from Germany and there's no way around that," he said. "Given that, we have to find other things that are sourced closer to Middlebury."

"Your squash court options are very limited," Quinn said. "That's not a real challenging decision – it's not a huge list and you feel like you're making a huge sacrifice."

Gleason also pointed out the largest achievement in terms of energy efficiency for the project: taking down the Bubble – an inefficient heat and resource drain, not to mention an aesthetic eyesore. The new field house set to replace it, according to Gleason, will use half the energy of the Bubble despite being twice the space.

The footprint of the new facility

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PAUL GERARD

Julia Favorito '14 led to the Panthers to victory against Trinity on Saturday, Oct. 12 with a goal and assist. She has 11 points this year.

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